

Before the  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, D.C.

*In the Matter of*

NTT AMERICA, INC.,  
NTT COMMUNICATIONS CORPORATION,  
EDGE CABLE HOLDINGS USA, LLC,  
HKT GLOBAL (SINGAPORE) PTE LTD,  
PLDT, INC.,  
SOFTBANK CORP., AND  
VADATA, INC.

Application for a License to Land and Operate  
a Private Fiber-Optic Submarine Cable System  
Connecting the United States, Japan, and the  
Philippines ,

THE JUPITER SYSTEM

File No. SCL-LIC-2018-\_\_\_\_\_

**JOINT APPLICATION FOR CABLE LANDING LICENSE—  
STREAMLINED PROCESSING REQUESTED**

Pursuant to 47 U.S.C. § 34, Executive Order No. 10,530, and 47 C.F.R. § 1.767, NTT America, Inc. (“NTT America”), NTT Communications Corporation (“NTT Com”), Edge Cable Holdings USA, LLC (“Edge USA”), HKT Global (Singapore) Pte Ltd (“PCCW Global”), PLDT, Inc., (“PLDT”), SoftBank Corp. (“SoftBank”), and Vadata, Inc. (“Vadata”) (collectively, the “Applicants”), hereby apply for a license to land and operate within the United States a private fiber-optic submarine cable network connecting: Hermosa Beach, California; Oregon; Maruyama and Shima, Japan; and Daet, the Philippines. The submarine cable system will be known as the JUPITER system. The Applicants will operate the JUPITER system on a non-common-carrier basis, either by using JUPITER capacity as an input for services offered by their affiliates or by providing bulk capacity to wholesale and enterprise customers on particularized

terms and conditions pursuant to individualized negotiations. The existence of robust competition on the U.S.-Japan and U.S.-Philippines routes obviates any need for common-carrier regulation on public-interest grounds.

The Applicants intend to commence commercial operation of the JUPITER system by the first calendar quarter of 2020. The Applicants therefore seek timely grant of a cable landing license by the Commission no later than April 3, 2019 in order to permit construction activities to proceed on schedule. An expeditious grant of this application will significantly advance the public interest. JUPITER will provide significant new capacity on routes where capacity demand continues to increase substantially each year. It will also provide geographically-diverse data center connectivity for certain of JUPITER's owners.

This application raises no public-interest concerns. Edge USA and Vadata request streamlined processing pursuant to 47 C.F.R. § 1.767(k)(1), as neither is or is affiliated with a foreign carrier. PCCW Global and SoftBank each request streamlined processing pursuant to 47 C.F.R. § 1.767(k)(2), as each is, or is affiliated with, a non-dominant foreign carrier in Japan or the Philippines. NTT America, NTT Com, and PLDT each request streamlined processing pursuant to 47 C.F.R. § 1.767(k)(3), as each is, or is affiliated with, a dominant foreign carrier in either Japan or the Philippines, and each agrees to abide by the reporting requirements in 47 C.F.R. § 1.767(l). Below, the Applicants provide information required by 47 C.F.R. § 1.767.

**I. COMPLIANCE WITH 47 C.F.R. § 1.767**

**A. Information Required by 47 C.F.R. § 1.767(a)(1)-(a)(3), (a)(8), (a)(9), (j), and (k)**

The Applicants provide company-specific responses to and certifications for 47 C.F.R. § 1.767(a)(1)-(a)(3), (a)(8), (a)(9), (j), and (k) in the following appendices:

- Appendix A: NTT America
- Appendix B: NTT Com
- Appendix C: Edge USA
- Appendix D: PCCW Global
- Appendix E: PLDT
- Appendix F: SoftBank
- Appendix G: Vadata

**B. System Description<sup>1</sup>**

JUPITER will have a total length of 14,557 kilometers and consist of three main segments:

- ***Main Trunk.*** The Main Trunk will connect Maruyama and Shima, Japan, with Hermosa Beach, California. It will consist of five fiber pairs.
- ***Philippines Branch.*** The Philippines Branch will connect Daet, Philippines, with a branching unit on the Main Trunk. It will consist of two fiber pairs.
- ***Oregon Branch.*** The Oregon Branch will connect a branching unit on the Main Trunk with a landing point in Oregon. It will consist of two fiber pairs.

Each fiber pair will have a total design capacity of 12 Tbps per fiber pair (for a total of 60 Tbps for the JUPITER cable system as a whole) using current technology. The Applicants have not yet made decisions about the initial lit capacity of the system. The Applicants expect the JUPITER system to enter into commercial service in the first calendar quarter of 2020. In Appendix H, the Applicants provide a route map for the system.

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<sup>1</sup> See 47 C.F.R. § 1.767(a)(4).

### **C. Landing Points<sup>2</sup>**

The Applicants provide specific landing point information (including geographic coordinates and street addresses, where available, for beach manholes and cable landing stations) in the following appendices:

- Appendix I: Maruyama, Japan
- Appendix J: Shima, Japan
- Appendix K: Hermosa Beach, California
- Appendix L: Daet, the Philippines

The Applicants will provide specific landing point information for the Oregon landing in a separate, subsequent landing point notification.

### **D. Regulatory Classification<sup>3</sup>**

The Applicants will operate the JUPITER system on a non-common-carrier basis. Non-common-carrier classification of the proposed system is consistent with established Commission policy and precedent and with judicial precedent, and it will advance the public interest.

*First*, the Commission should not subject the JUPITER system to common-carrier regulation because JUPITER will not operate on a common-carrier basis as defined in *NARUC I*.<sup>4</sup> The courts have stated that “[t]he primary *sine qua non* of common carrier status is a quasi-public character, which arises out of the undertaking ‘to carry for all people

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<sup>2</sup> See *id.* § 1.767(a)(5).

<sup>3</sup> See *id.* § 1.767(a)(6).

<sup>4</sup> See *Nat’l Ass’n of Regulatory Utility Comm’rs v. FCC*, 525 F.2d 630, 642 (D.C. Cir. 1976) (“*NARUC I*”) (stating that the court must inquire “whether there are reasons implicit in the nature of [the] operations to expect an indifferent holding out to the eligible user public”), *cert. denied*, 425 U.S. 992 (1976); see also *Virgin Islands Tel. Corp. v. FCC*, 198 F.3d 921 (D.C. Cir. 1999) (affirming FCC’s use of *NARUC I* test for distinguishing common-carrier and private-carrier services following enactment of the Telecommunications Act of 1996).

indifferently.’”<sup>5</sup> On JUPITER, however, the Applicants will not sell capacity indifferently to the user public.

- JUPITER will provide NTT America, NTT Com, PCCW Global, PLDT, and SoftBank with capacity to support their wholesale capacity businesses in Asia and the Americas, offering bulk capacity to particular carrier, enterprise, and government customers pursuant to individually-negotiated indefeasible rights of use (“IRUs”) and capacity leases, the terms of which will vary depending on the characteristics and needs of the particular capacity purchaser.
- JUPITER will provide Edge USA and its affiliates with capacity to support Facebook’s global platform to connect its users and data centers.
- JUPITER will provide Vadata and its affiliates with capacity to support Amazon’s cloud services offerings and connect its data centers.

The Commission has consistently found that such offerings do not make an applicant a common carrier.<sup>6</sup>

*Second*, the Commission should not subject the JUPITER system to common-carrier regulation because there is no legal compulsion or other public-interest reason for the Applicants to operate JUPITER in such a manner. Under the *NARUC I* test, the Commission must

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<sup>5</sup> *Nat’l Ass’n of Regulatory Utility Comm’rs v. FCC*, 533 F.2d 601, 608 (D.C. Cir. 1976) (quoting *Semon v. Royal Indemnity Co.*, 279 F.2d 737, 739 (5th Cir. 1960)).

<sup>6</sup> *See AT&T Corp. et al.*, Cable Landing License, 13 FCC Rcd. 16,232, 16,238 (Int’l Bur. 1998) (finding that individualized decisions concerning the sale or lease of capacity on the China-U.S. Cable Network would not constitute the effective provision of a service to the public so as to make the applicant a common carrier); *AT&T Submarine Systems, Inc.*, Cable Landing License, 11 FCC Rcd. 14,885, 14,904 ¶ 64 (Int’l Bur. 1996) (“*St. Thomas-St. Croix Cable Order*”) (finding that an “offer of access, nondiscriminatory terms and conditions and market pricing of IRUs does not rise to the level of an ‘indiscriminate’ offering” so as to constitute common carriage), *aff’d* 13 FCC Rcd. 21,585 (1998), *aff’d sub nom. Virgin Islands Telephone Corp. v. FCC*, 198 F.3d 921 (D.C. Cir. 1999).

determine whether the public interest requires common-carrier operation of the submarine cable system.<sup>7</sup> Traditionally, the Commission has focused on whether the applicant has sufficient market power to warrant common carrier regulation,<sup>8</sup> although the Commission “is not limited to that reasoning” and has looked more broadly to determine whether common-carrier licensing is in the public interest.<sup>9</sup> The JUPITER system poses no such competitive or other public-interest concerns.

The JUPITER system will enhance competition by competing vigorously with other submarine cable systems on the U.S.-Japan and U.S.-Philippines routes. Specifically, on the U.S.-Japan route the JUPITER system will compete directly with the existing FASTER, Japan-U.S., New Cross Pacific, Pacific Crossing-1, Tata Global Network-Pacific, Trans-Pacific Express, and Unity systems. On the U.S.-Philippines route, the JUPITER system will compete directly with the existing Asia America Gateway and SEA-US systems. It will also compete with Asia Submarine-cable Express, APCN 2, EAC/C2C, and Southeast Asia Japan Cable, which provide connectivity between the Philippines and Japan.

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<sup>7</sup> *NARUC I*, 525 F.2d at 642 (stating that the court must inquire “whether there will be any legal compulsion . . . to serve [the public] indifferently”).

<sup>8</sup> *St. Thomas-St. Croix Cable Order*, 11 FCC Rcd. at 14,893 ¶ 30.

<sup>9</sup> See *AT&T Corp. et al.*, Cable Landing License, 14 FCC Rcd. 13,066, 13,080 ¶ 39 (1999) (stating that “[a]lthough this public interest analysis has generally focused on the availability of alternative facilities, we are not limited to that reasoning”); *Australia-Japan Cable (Guam) Limited*, Cable Landing License, 15 FCC Rcd. 24,057, 24,062 ¶ 13 (Int’l Bur. 2000) (stating that “[t]his public interest analysis generally has focused on whether an applicant will be able to exercise market power because of the lack of alternative facilities, although the Commission has not limited itself to that reasoning”); *Telefonica SAM USA, Inc. et al.*, Cable Landing License, 15 FCC Rcd. 14,915, 14,920 ¶ 11 (Int’l Bur. 2000) (stating that “[t]his public interest analysis has focused on the availability of alternative facilities, although the Commission has stated it is not limited to that reasoning”).

The Commission has previously found that facilities need not be identical in order to offer pro-competitive benefits.<sup>10</sup> The existence of ample competing submarine cable facilities providing U.S.-Japan and U.S.-Philippines connectivity ensures that JUPITER would not function as a bottleneck facility on those routes. The Applicants' intended operation of the JUPITER system therefore serves the Commission's long-standing policy to encourage competition through private submarine cable transmissions, pursuant to which the Commission has granted numerous cable landing licenses.<sup>11</sup>

**E. Cable Ownership Information**<sup>12</sup>

The Applicants and their affiliates will own JUPITER's wet segment and common infrastructure as shown in Tables 1, 2, 3, and 4 below. In each table, the percentage interest represents both a voting and economic interest.

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<sup>10</sup> *St. Thomas-St. Croix Cable Order*, 11 FCC Rcd. at 14,898 ¶ 44 (stating that "requiring current identical substitute common carrier facilities before non-common carrier facilities will be authorized would serve as a disincentive for entities to take risks and expend capital to expand and upgrade facilities").

<sup>11</sup> *See Tel-Optik Ltd.*, Memorandum Opinion and Order, 100 FCC.2d 1033, 1040-41 (1985).

<sup>12</sup> *See* 47 C.F.R. § 1.767(a)(7).

**Table 1: Initial Ownership of JUPITER Main Trunk and Common Infrastructure**

Party	Portion in U.S. Territorial Waters	Portion in International Waters	Portion in Japanese Territorial Waters
NTT Com	12.5%	12.5%	12.5%
Edge USA	25%	--	--
Edge Network Services Limited	--	25%	--
Edge Network Services Limited (Japan Branch)	--	--	25%
PCCW Global	12.5%	12.5%	12.5%
PLDT	25%	25%	25%
SoftBank	12.5%	12.5%	12.5%
Vadata	12.5%	12.5%	12.5%

In the event that Edge USA and its affiliates decide to equip a second fiber pair on the system (a decision that has not yet occurred, but is likely to occur prior to commencement of commercial service), the voting and participation interests of Edge USA and its affiliates will increase, with corresponding decreases in the voting and participation interests of the other owners, as shown in Table 2 below.



**Table 2: Ownership of JUPITER Main Trunk and Common Infrastructure Following Equipage of Additional Fiber Pair By Edge USA and Its Affiliates**

Party	Portion in U.S. Territorial Waters	Portion in International Waters	Portion in Japanese Territorial Waters
NTT Com	10%	10%	10%
Edge USA	40%	--	--
Edge Network Services Limited	--	40%	--
Edge Network Services Limited (Japan Branch)	--	--	40%
PCCW Global	10%	10%	10%
PLDT	20%	20%	20%
SoftBank	10%	10%	10%
Vadata	10%	10%	10%

**Table 3: Ownership of JUPITER Philippines Branch**

Party	Wet Segment
PLDT	100%

**Table 4: Ownership of JUPITER Oregon Branch**

Party	Portion in U.S. Territorial Waters	Portion in International Waters
Edge USA	100%	--
Edge Network Services Limited	--	100%

Because neither Edge Network Services Limited nor Edge Network Services Limited (Japan Branch) will use the U.S. endpoints of JUPITER, neither is required to be a joint applicant for the cable landing license.<sup>13</sup>

JUPITER’s cable landing stations will be owned and controlled as shown in Table 5 below:

**Table 5: Ownership and Control of Cable Landing Stations**

Cable Landing Station	New or Existing Facility?	Ownership/Control
Maruyama, Japan	Existing	SoftBank
Shima, Japan	Existing	NTT Com
Hermosa Beach, California	Existing	NTT America (control); RTI Infrastructure, Inc. (“RTI-I”) (ownership)
Daet, Philippines	Existing	PLDT

The Applicants will provide information regarding ownership and control of the Oregon cable landing station in a separate, subsequent landing point notification.

<sup>13</sup> See *id.* § 1.767(h)(2).

As noted in Table 5 above, in Hermosa Beach JUPITER will land at an existing cable landing station owned and operated by RTI-I under contract with NTT America. As stated in part II below, the Applicants seek a waiver of 47 C.F.R. § 1.767(h)(1), as RTI-I will have no ability to affect significantly the operation of JUPITER.

**F. Certification Regarding Service to Executive Branch Agencies<sup>14</sup>**

The Applicants have sent a complete copy of this application to the U.S. Departments of State, Commerce, and Defense. Counsel has certified such service in the certificate of service attached to this application.

**II. REQUEST FOR WAIVER OF 47 C.F.R. § 1.767(h)(1)**

The Applicants request a waiver of 47 C.F.R. § 1.767(h)(1) rules so that RTI-I need not be a joint applicant for the JUPITER cable landing license. “The purpose of [Section 1.767(h)(1)] is to ensure that entities having a significant ability to affect the operation of the cable system become licensees so that they are subject to the conditions and responsibilities associated with the license.”<sup>15</sup> RTI-I, however, will have no ability to affect significantly JUPITER’s operation. Inclusion of RTI-I as a joint applicant is also not necessary to ensure compliance by the Applicants collectively—or by NTT America as the Hermosa Beach landing party controlling the landing arrangements and contracting with RTI-I—with the Cable Landing License Act, the

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<sup>14</sup> See *id.* § 1.767(j).

<sup>15</sup> See *Actions Taken Under the Cable Landing License Act*, Public Notice, 23 FCC Rcd. 227, 229 (Int’l Bur. 2008) (“*TPE Cable Landing License*”) (citing *Review of Commission Consideration of Applications under the Cable Landing License Act*, Report and Order, 16 FCC Rcd. 22,167, 22,194-95 ¶¶ 53-54 (2001)).

Commission’s cable landing license rules, or the terms of any cable landing license. Grant of the waiver is therefore consistent with longstanding Commission precedent.<sup>16</sup>

For JUPITER’s Hermosa Beach landing, NTT America will seek to have RTI-I provide certain limited services that would not provide it with any ability to affect significantly JUPITER’s operation. NTT America seeks to enter into an agreement with RTI-I granting NTT America an IRU for RTI-I’s beach manhole and one of its bore pipes at Hermosa Beach and for a conduit connecting the beach manhole with RTI-I’s existing, highly-secure, and purpose-built cable landing station. Under the contemplated agreement, RTI-I will also grant to NTT America a long-term lease for collocation space for power feed equipment in RTI-I’s cable landing station—space over which NTT America, on behalf of the Applicants, will have exclusive control. NTT America will seek to ensure that both the IRU and lease agreements will have

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<sup>16</sup> See, e.g., *Actions Taken Under Cable Landing License Act*, Public Notice, 32 FCC Rcd. 1436, 1437-38 (Int’l Bur. 2017) (accepting the applicant’s representations that Tata “will not have the ability to affect significantly Atisa’s operation” and declining to require Tata be a joint applicant for the cable landing license); *Actions Taken Under Cable Landing License Act*, Public Notice, 24 FCC Rcd. 7828, 7829-30 (Int’l Bur. 2009) (accepting the applicants representations that “Tata will not be able to affect significantly the operation of HANTRU-1” and declining to require Tata be a joint applicant for the cable landing license); *Actions Taken Under Cable Landing License Act*, Public Notice, 24 FCC Rcd. 226, 227-28 (Int’l Bur. 2009) (noting that “Applicants will retain operational authority over their ASHC System facilities and provide direction to AT&T in all matters relating to the ASHC System”); *Actions Taken Under Cable Landing License Act*, Public Notice, 23 FCC Rcd. 13,419, 13,420 (Int’l Bur. 2008) (declining to require that Tata Communications (US) Inc.—which owns the existing cable station at Piti, Guam, where the PPC 1 System will land—be a joint applicant or licensee for the PPC 1 System, noting that “Applicants will retain operational authority over PPC 1 System facilities and provide direction to [Tata] in all matters relating to the PPC 1 System.”); *TPE Cable Landing License*, 23 FCC Rcd. at 229 (declining to require that WCI Cable, Inc. (“WCIC”)—which owns an existing cable station at Nedonna Beach, Oregon—be a joint applicant or licensee for the Trans-Pacific Express Network (“TPE”), which will land at WCIC’s Nedonna Beach cable station, finding that “WCIC will not have the ability to affect the operation of the TPE Network. Verizon will retain effective operational authority and provide direction to WCIC in all matters relating to the TPE Network”).

initial 15-year terms, with the option of two five-year extensions that may be exercised at NTT America's sole discretion, for a maximum of 25 years each.

NTT America, at the Applicants' direction, will have exclusive control over the power feed equipment that they will locate in RTI-I's cable landing station. NTT America will retain operational authority over the JUPITER landing facilities at Hermosa Beach and provide direction to RTI-I in all matters relating to JUPITER. The terminal equipment for all of JUPITER's fiber pairs will not be located in the RTI-I cable landing station, but instead within CoreSite's highly-secure, state-of-the-art LA 2 data center in Los Angeles.

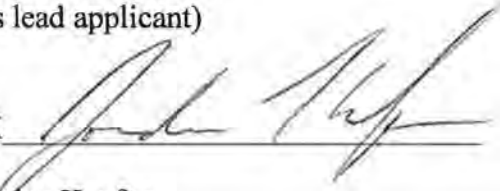
## CONCLUSION

For the foregoing reasons, the Commission should expeditiously grant this cable landing license application for the JUPITER system pursuant to streamlined processing.

Respectfully submitted,

NTT AMERICA, INC.  
(as lead applicant)

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*Counsel for NTT America, Inc.*

May 9, 2018

Attachments

## **LIST OF APPENDICES**

- Appendix A: NTT America, Inc., Information Responsive to 47 C.F.R. § 1.767(a)(1)-(a)(3), (a)(8), (a)(9), (j), and (k)**
- Appendix B: NTT Communications Corporation Information Responsive to 47 C.F.R. § 1.767(a)(1)-(a)(3), (a)(8), (a)(9), (j), and (k)**
- Appendix C: Edge Cable Holdings USA, LLC, Information Responsive to 47 C.F.R. § 1.767(a)(1)-(a)(3), (a)(8), (a)(9), (j), and (k)**
- Appendix D: HKT Global (Singapore) Pte Ltd Information Responsive to 47 C.F.R. § 1.767(a)(1)-(a)(3), (a)(8), (a)(9), (j), and (k)**
- Appendix E: PLDT, Inc., Information Responsive to 47 C.F.R. § 1.767(a)(1)-(a)(3), (a)(8), (a)(9), (j), and (k)**
- Appendix F: SoftBank Corp. Information Responsive to 47 C.F.R. § 1.767(a)(1)-(a)(3), (a)(8), (a)(9), (j), and (k)**
- Appendix G: Vadata, Inc., Information Responsive to 47 C.F.R. § 1.767(a)(1)-(a)(3), (a)(8), (a)(9), (j), and (k)**
- Appendix H: JUPITER Route Map**
- Appendix I: Maruyama, Japan, Landing Point Information**
- Appendix J: Shima, Japan, Landing Point Information**
- Appendix K: Hermosa Beach, California, Landing Point Information**
- Appendix L: Daet, Philippines, Landing Point Information**

**APPENDIX A:**  
**NTT AMERICA, INC.**

NTT America, Inc. (“NTT America”), is the U.S. operating subsidiary of NTT Communications Corporation (“NTT Com”), the international communications and ICT solutions business of Nippon Telephone and Telegraph Corporation (“NTT”). NTT America provides international communications and Internet-related services in the United States. NTT America holds global facilities-based and global resale international Section 214 authority from the Commission. NTT America is headquartered in New York and is an indirect, wholly-owned subsidiary of NTT. NTT America’s affiliates Pacific Crossing Limited and PC Landing Corp. own and operate the Pacific Crossing submarine cable system, for which PC Landing Corp. is the Commission cable landing licensee.

NTT America will serve as the California landing party and control the California cable landing station for the JUPITER system. Below, NTT America provides information required by 47 C.F.R. § 1.767(a)(1)-(a)(3), (a)(8), (a)(9), (j), and (k).

**I. INFORMATION REQUIRED BY 47 C.F.R. § 1.767(a)**

**(1) Applicant’s Name, Address, and Telephone Number<sup>1</sup>**

NTT America, Inc.  
757 Third Ave, Floor 14  
New York, New York 10017  
+1 212 661 0810

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<sup>1</sup> See 47 C.F.R. § 1.767(a)(1).



**(2) Applicant’s Place of Incorporation<sup>2</sup>**

NTT America is a Delaware corporation.

**(3) Contact Information<sup>3</sup>**

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**(4) Certification Regarding Ownership, Citizenship, Principal Business, and Interlocking Directorates<sup>4</sup>**

NTT America certifies to the following. NTT America has the following 10-percent-or-greater direct or indirect interest holders:

- **NTT Communications Corporation (“NTT Com”)**  
*Address:* 1-1-6 Uchisaiwai, Chiyoda-ku, Tokyo, 100-8019 Japan  
*Place of Organization:* Japan  
*Principal Business:* telecommunications  
*Relationship:* NTT Com holds a 100-percent voting-and-equity interest in NTT America.

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<sup>2</sup> See *id.* § 1.767(a)(2).

<sup>3</sup> See *id.* § 1.767(a)(3).

<sup>4</sup> See *id.* §§ 1.767(a)(8)(i), 63.18(h).

- **Nippon Telegraph and Telephone Corporation (“NTT”)**  
*Address:* Otemachi First Square, East Tower, Otemachi 1-Chome, Chiyoda-ku, Tokyo 100-8116, Japan  
*Place of Organization:* Japan  
*Principal Business:* telecommunications  
*Relationship:* NTT holds a 100-percent voting and equity interest in NTT Com.
- **Ministry of Finance**  
*Address:* 3-1-1 Kasumigaseki, Chiyoda, Tokyo 100-0013, Japan  
*Place of Organization:* Japan  
*Principal Business:* government  
*Relationship:* The Japanese Ministry of Finance holds a 32.39-percent voting-and-equity interest in NTT.

The remainder of NTT’s shares trade publicly on the Tokyo Stock Exchange. As there is an active market in NTT’s shares, NTT’s share ownership is always fluid. Moreover, NTT can ascertain its significant shareholders only on the basis of its records and may not know of possibly related or affiliated shareholders that are not disclosed to it. Recognizing these limitations, as of June 30, 2017, no NTT shareholder holds an interest sufficient to give it a 10-percent-or-greater direct or indirect interest in NTT America.

NTT America has no interlocking directorates with any foreign carrier.

**(5) Certification Regarding the Anti-Drug Abuse Act of 1988<sup>5</sup>**

NTT America certifies that no party to this application is subject to a denial of federal benefits under Section 5301 of the Anti-Drug Abuse Act of 1988, as amended.<sup>6</sup>

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<sup>5</sup> See *id.* §§ 1.767(a)(8)(i), 63.18(o).

<sup>6</sup> 21 U.S.C. § 862(a). Pub. L. No. 100-690, title V, § 5301, 102 Stat. 4310 (1988), which related to denial of Federal benefits to drug traffickers and possessors—previously codified at 21 U.S.C. § 853(a)—was renumbered section 421 of the Controlled Substances Act by Public Law 101-647, title X, § 1002(d)(1), 104 Stat. 4827 (1990), and has been recodified as 21 U.S.C. § 862(a). 47 C.F.R. § 63.18(o) does not reflect this recodification.

**(6) Certification Regarding Foreign Carrier Status and Foreign Affiliations<sup>7</sup>**

NTT America certifies that it:

(A) is not a foreign carrier in any country;

(B) does not own or control a cable landing station in any foreign country;

(C) is affiliated with the following foreign carriers in Australia, Brazil, Hong Kong SAR, India, Indonesia, Japan, Korea, Malaysia, Russia, Singapore, Taiwan, Thailand, United Kingdom, and Vietnam, one of which owns two cable landing stations in Japan, as listed in Table 1 below:

**TABLE 1: AFFILIATED FOREIGN CARRIERS**

<b>Entity</b>	<b>Country</b>	<b>Owns/Controls Cable Landing Station? Y/N</b>
Nippon Telegraph and Telephone East Corporation	Japan	N
Nippon Telegraph and Telephone West Corporation	Japan	N
NTT BizLink, Inc.	Japan	N
NTT Communications Corporation	Japan	Y
NTT COMWARE CORPORATION	Japan	N
NTT DATA Corporation	Japan	N
NTT DOCOMO, Inc.	Japan	N
NTT PC Communications Incorporated	Japan	N
NTT Plala Inc.	Japan	N
NTT Australia Pty Ltd.	Australia	N
NTT do Brasil Telecomunicacoes Ltda.	Brazil	N
HKNet Company Ltd.	Hong Kong SAR, China	N
NTT Com Asia Ltd.	Hong Kong SAR, China	N
NTT Communications India Network Services Private Limited	India	N
NTT Communications India Private Ltd.	India	N
PT NTT Indonesia	Indonesia	N
P.T. Terasasih Sejahtera	Indonesia	N
NTT Korea Co., Ltd	Korea	N

<sup>7</sup> See 47 C.F.R. § 1.767(a)(8)(ii).

<b>Entity</b>	<b>Country</b>	<b>Owns/Controls Cable Landing Station? Y/N</b>
NTT MSC Sdn. Bhd	Malaysia	N
NTT Singapore Pte. Ltd	Singapore	N
NTT Communications Russia LLC	Russia	N
NTT Communications World Network (S) Pte Ltd	Singapore	N
NTT Taiwan Ltd.	Taiwan	N
NTT Communications (Thailand) Co., Ltd.	Thailand	N
NTT EUROPE LTD.	United Kingdom	N
NTT Communications (Vietnam) Ltd.	Vietnam	N

**(7) Certification Regarding Destination Countries<sup>8</sup>**

NTT America certifies to the following: (A) it is not a foreign carrier in Japan or the Philippines, the two foreign destination markets in which the JUPITER cable system will land; (B) it does not control a foreign carrier in Japan or the Philippines; (C) an entity owning more than 25 percent of it or controlling it—its ultimate, indirect parent, NTT—controls foreign carriers in Japan but not in the Philippines; and (D) no grouping of two or more foreign carriers in Japan or the Philippines (or parties that control foreign carriers in Japan or the Philippines) own, in aggregate, more than 25 percent of it and are parties to, or beneficiaries of, a contractual relation affecting the provision or marketing of arrangements for the terms of acquisition, sale, lease, transfer, and use of capacity on the JUPITER cable system in the United States.

**(8) Certifications Regarding WTO Status and Affiliations with Foreign Carriers Having Market Power in Foreign Destination Markets<sup>9</sup>**

No response is required, as Japan—the only country identified in response to 47 C.F.R. § 1.767(a)(8)(iii)—is a member of the World Trade Organization.<sup>10</sup>

<sup>8</sup> See *id.* § 1.767(a)(8)(iii).

<sup>9</sup> See *id.* § 1.767(a)(8)(iv).

**(9) Certification Regarding Routine Conditions<sup>11</sup>**

NTT America certifies that it accepts and will abide by the routine conditions specified in 47 C.F.R. § 1.767(g).

**(10) Streamlining—Market Power<sup>12</sup>**

NTT America requests streamlined processing pursuant to 47 C.F.R. § 1.767(k)(3). NTT Com is affiliated with Nippon Telephone and Telegraph East Corporation (“NTT East”) and Nippon Telephone and Telegraph West Corporation (“NTT West”) in Japan, where NTT East and NTT West each has a greater-than-50-percent share of the local access-market in its geographic service area in Japan. NTT America qualifies for streamlining pursuant to 47 C.F.R. § 1.767(k)(3) because (A) Japan is a WTO member country and (B) NTT America agrees to comply with the reporting requirements in 47 C.F.R. § 1.767(l).

**(11) Streamlining—CZMA<sup>13</sup>**

NTT America certifies that it is not required to submit a consistency certification to any state pursuant to Section 1456(c)(3)(A) of the Coastal Zone Management Act, codified at 16 U.S.C. § 1456(c)(3)(A). California and Oregon, the only U.S. states in which the JUPITER cable system will land, do not list, and have never proposed to list, a cable landing license as a federal activity requiring a consistency certification.<sup>14</sup>

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<sup>10</sup> See World Trade Organization, *Members and Observers* (as of July 29, 2016), [http://www.wto.org/english/thewto\\_e/whatis\\_e/tif\\_e/org6\\_e.htm](http://www.wto.org/english/thewto_e/whatis_e/tif_e/org6_e.htm).

<sup>11</sup> See 47 C.F.R. § 1.767(a)(9).

<sup>12</sup> See *id.* § 1.767(j), (k).

<sup>13</sup> See *id.*

<sup>14</sup> See California Coastal Commission, California Coastal Management Program, List of Federal Licenses and Permits Subject to Certification for Consistency, [https://www.coastal.ca.gov/fedcd/listlic\\_2015.pdf](https://www.coastal.ca.gov/fedcd/listlic_2015.pdf); Federal Licenses and Permits Which Must Be Certified for Consistency with the Oregon Coastal Management Program,

## CERTIFICATION

On behalf of NTT America, I certify that all of the information contained in this application and Appendix A is true and correct to the best of my knowledge and belief.

**NTT America, Inc.**



Kent Bressie  
Harris, Wiltshire & Grannis LLP  
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+1 202 730 1337  
kbressie@hwglaw.com

*Counsel for NTT America, Inc.*

May 9, 2018

Jordan Kanfer  
Executive Vice President and General Counsel  
NTT America, Inc.  
757 Third Ave, Floor 14  
New York, New York 10017  
+1 212 661 0810  
j.kanfer@ntta.com

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[http://www.oregon.gov/LCD/OCMP/docs/General/Table7\\_final.pdf](http://www.oregon.gov/LCD/OCMP/docs/General/Table7_final.pdf); National Oceanic and Atmospheric Administration, National Coastal Zone Management Program, Oregon's Listed Federal Actions <https://coast.noaa.gov/czm/consistency/media/or.pdf>.

## **APPENDIX B:**

### **NTT COMMUNICATIONS CORPORATION**

NTT Communications Corporation (“NTT Com”) is the international communications and ICT solutions business of Nippon Telephone and Telegraph Corporation (“NTT”). NTT Com provides international communications services, inter-prefectural communications services, and Internet-related services in Japan. It owns and operates the submarine cable assets of the NTT Group and a Tier 1 Internet backbone. NTT Com is a joint Commission cable landing licensee for the Trans-Pacific Express submarine cable system. NTT Com’s subsidiaries Pacific Crossing Limited and PC Landing Corp. own and operate the Pacific Crossing submarine cable system, for which PC Landing Corp. is the Commission cable landing licensee. NTT Com is headquartered in Tokyo and is a wholly-owned subsidiary of NTT.

NTT Com will hold participation and voting interests in the Main Trunk of the JUPITER system, as described in part I.E of the main narrative application. It will also own and control the Shima cable landing station, one of the JUPITER system’s two Japan landings. Below, NTT Com provides information required by 47 C.F.R. § 1.767(a)(1)-(a)(3), (a)(8), (a)(9), (j), and (k).

#### **I. INFORMATION REQUIRED BY 47 C.F.R. § 1.767(a)**

##### **(1) Applicant’s Name, Address, and Telephone Number<sup>1</sup>**

NTT Communications Corporation  
1-1-6 Uchisaiwai  
Chiyoda-ku  
Tokyo, 100-8019  
Japan  
+81 3 3500 8111

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<sup>1</sup> See 47 C.F.R. § 1.767(a)(1).

**(2) Applicant’s Place of Incorporation<sup>2</sup>**

NTT Com is a corporation organized under Japanese law.

**(3) Contact Information<sup>3</sup>**

Yoshio Sato  
Director, Service Infrastructure Division  
NTT Communications Corporation  
1-1-6 Uchisaiwai  
Chiyoda-ku  
Tokyo, 100-8019  
Japan  
+81 3 6700 7549  
yoshi.sato@ntt.com

*with a copy to:*

Kent Bressie  
Harris, Wiltshire & Grannis LLP  
1919 M Street, N.W., Suite 800  
Washington, D.C. 20036-3537  
+1 202 730 1337  
kbressie@hwglaw.com

*Counsel for NTT Communications Corporation*

**(4) Certification Regarding Ownership, Citizenship, Principal Business, and Interlocking Directorates<sup>4</sup>**

NTT Com certifies to the following. NTT Com has the following 10-percent-or-greater direct or indirect interest holders:

- **Nippon Telegraph and Telephone Corporation (“NTT”)**  
*Address:* Otemachi First Square, East Tower, Otemachi 1-Chome, Chiyoda-ku, Tokyo 100-8116, Japan  
*Place of Organization:* Japan  
*Principal Business:* telecommunications  
*Relationship:* NTT holds a 100-percent voting-and-equity interest in NTT Com.

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<sup>2</sup> See *id.* § 1.767(a)(2).

<sup>3</sup> See *id.* § 1.767(a)(3).

<sup>4</sup> See *id.* §§ 1.767(a)(8)(i), 63.18(h).



- **Ministry of Finance**

*Address:* 3-1-1 Kasumigaseki, Chiyoda, Tokyo 100-0013, Japan

*Place of Organization:* Japan

*Principal Business:* government

*Relationship:* The Japanese Ministry of Finance holds a 32.39-percent voting-and-equity interest in NTT.

The remainder of NTT's shares trade publicly on the Tokyo Stock Exchange. As there is an active market in NTT's shares, NTT's share ownership is always fluid. Moreover, NTT can ascertain its significant shareholders only on the basis of its records and may not know of possibly related or affiliated shareholders that are not disclosed to it. Recognizing these limitations, as of June 30, 2017, no NTT shareholder holds an interest sufficient to give it a 10-percent-or-greater direct or indirect interest in NTT Com.

NTT Com has no interlocking directorates with any foreign carrier.

**(5) Certification Regarding the Anti-Drug Abuse Act of 1988<sup>5</sup>**

NTT Com certifies that no party to this application is subject to a denial of federal benefits under Section 5301 of the Anti-Drug Abuse Act of 1988, as amended.<sup>6</sup>

**(6) Certification Regarding Foreign Carrier Status and Foreign Affiliations<sup>7</sup>**

NTT Com certifies that it:

(A) is a foreign carrier in Japan;

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<sup>5</sup> See *id.* §§ 1.767(a)(8)(i), 63.18(o).

<sup>6</sup> 21 U.S.C. § 862(a). Pub. L. No. 100-690, title V, § 5301, 102 Stat. 4310 (1988), which related to denial of Federal benefits to drug traffickers and possessors—previously codified at 21 U.S.C. § 853(a)—was renumbered section 421 of the Controlled Substances Act by Public Law 101-647, title X, § 1002(d)(1), 104 Stat. 4827 (1990), and has been recodified as 21 U.S.C. § 862(a). 47 C.F.R. § 63.18(o) does not reflect this recodification.

<sup>7</sup> See 47 C.F.R. § 1.767(a)(8)(ii).

(B) owns two cable landing stations in Japan, at Shin-Maruyama (which is separate from the Maruyama cable landing station controlled by SoftBank Corp.) and Shima;

(C) is affiliated with the following foreign carriers in Australia, Brazil, Hong Kong SAR, India, Indonesia, Japan, Korea, Malaysia, Russia, Singapore, Taiwan, Thailand, United Kingdom, and Vietnam, with an affiliate in Hong Kong SAR owning and controlling a cable landing station, as listed in Table 1 below:

**TABLE 1: AFFILIATED FOREIGN CARRIERS**

Entity	Country	Owns/Controls Cable Landing Station? Y/N
Nippon Telegraph and Telephone East Corporation	Japan	N
Nippon Telegraph and Telephone West Corporation	Japan	N
NTT DATA Corporation	Japan	N
NTT DOCOMO, Inc.	Japan	N
NTT COMWARE CORPORATION	Japan	N
NTT Plala Inc.	Japan	N
NTT PC Communications Incorporated	Japan	N
NTT BizLink, Inc.	Japan	N
NTT do Brasil Telecomunicacoes Ltda.	Brazil	N
NTT Com Asia Ltd.	Hong Kong SAR, China	Y
HKNet Company Ltd.	Hong Kong SAR, China	N
NTT Taiwan Ltd.	Taiwan	N
NTT Korea Co., Ltd	Korea	N
NTT Communications India Private Ltd.	India	N
NTT Communications India Network Services Private Limited	India	N
PT NTT Indonesia	Indonesia	N
P.T. Terasasih Sejahtera	Indonesia	N
NTT MSC Sdn. Bhd	Malaysia	N
NTT Singapore Pte. Ltd	Singapore	N
NTT Communications World Network (S) Pte Ltd	Singapore	N
NTT Communications (Thailand) Co., Ltd.	Thailand	N
NTT Communications (Vietnam) Ltd.	Vietnam	N
NTT Australia Pty Ltd.	Australia	N
NTT EUROPE LTD.	United Kingdom	N
NTT Communications Russia LLC	Russia	N

**(7) Certification Regarding Destination Countries<sup>8</sup>**

Recognizing that NTT Com will hold no interest in JUPITER's Philippines Branch, NTT Com certifies to the following: (A) it is a foreign carrier in Japan but not the Philippines, the two foreign destination markets in which the JUPITER cable system will land; (B) it does not control a foreign carrier in Japan or the Philippines; (C) an entity owning more than 25 percent of it or controlling it—its parent, NTT—controls foreign carriers in Japan but not in the Philippines; and (D) no grouping of two or more foreign carriers in Japan or the Philippines (or parties that control foreign carriers in Japan or the Philippines) own, in aggregate, more than 25 percent of it and are parties to, or beneficiaries of, a contractual relation affecting the provision or marketing of arrangements for the terms of acquisition, sale, lease, transfer, and use of capacity on the JUPITER cable system in the United States.

**(8) Certifications Regarding WTO Status and Affiliations with Foreign Carriers Having Market Power in Foreign Destination Markets<sup>9</sup>**

No response is required, as Japan is a member of the World Trade Organization.<sup>10</sup>

**(9) Certification Regarding Routine Conditions<sup>11</sup>**

NTT Com certifies that it accepts and will abide by the routine conditions specified in 47 C.F.R. § 1.767(g).

---

<sup>8</sup> See *id.* § 1.767(a)(8)(iii).

<sup>9</sup> See *id.* § 1.767(a)(8)(iv).

<sup>10</sup> See World Trade Organization, *Members and Observers* (as of July 29, 2016), [http://www.wto.org/english/thewto\\_e/whatis\\_e/tif\\_e/org6\\_e.htm](http://www.wto.org/english/thewto_e/whatis_e/tif_e/org6_e.htm).

<sup>11</sup> See 47 C.F.R. § 1.767(a)(9).

**(10) Streamlining—Market Power<sup>12</sup>**

NTT Com requests streamlined processing pursuant to 47 C.F.R. § 1.767(k)(3). NTT Com is affiliated with Nippon Telephone and Telegraph East Corporation (“NTT East”) and Nippon Telephone and Telegraph West Corporation (“NTT West”) in Japan, where NTT East and NTT West each has a greater-than-50-percent share of the local access-market in its geographic service area in Japan. NTT Com qualifies for streamlining pursuant to 47 C.F.R. § 1.767(k)(3) because (A) Japan is a WTO member country and (B) NTT Com agrees to comply with the reporting requirements in 47 C.F.R. § 1.767(l).

**(11) Streamlining—CZMA<sup>13</sup>**

NTT Com certifies that it is not required to submit a consistency certification to any state pursuant to Section 1456(c)(3)(A) of the Coastal Zone Management Act, codified at 16 U.S.C. § 1456(c)(3)(A). California and Oregon, the only U.S. states in which the JUPITER cable system will land, do not list, and have never proposed to list, a cable landing license as a federal activity requiring a consistency certification.<sup>14</sup>

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<sup>12</sup> See *id.* § 1.767(j), (k).

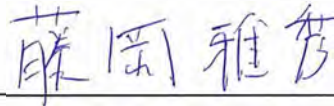
<sup>13</sup> See *id.*

<sup>14</sup> See California Coastal Commission, California Coastal Management Program, List of Federal Licenses and Permits Subject to Certification for Consistency, [https://www.coastal.ca.gov/fedcd/listlic\\_2015.pdf](https://www.coastal.ca.gov/fedcd/listlic_2015.pdf); Federal Licenses and Permits Which Must Be Certified for Consistency with the Oregon Coastal Management Program, [http://www.oregon.gov/LCD/OCMP/docs/General/Table7\\_final.pdf](http://www.oregon.gov/LCD/OCMP/docs/General/Table7_final.pdf); National Oceanic and Atmospheric Administration, National Coastal Zone Management Program, Oregon’s Listed Federal Actions <https://coast.noaa.gov/czm/consistency/media/or.pdf>.

## CERTIFICATION

On behalf of NTT Com, I certify that all of the information contained in this application and Appendix B is true and correct to the best of my knowledge and belief.

### NTT Communications Corporation



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Kent Bressie  
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+1 202 730 1337  
kbressie@hwglaw.com

*Counsel for NTT Communications  
Corporation*

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Senior Vice President, Service Infrastructure  
Division  
NTT Communications Corporation  
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Tokyo, 100-8019  
Japan  
+81 3 6700 7549  
m.fujioka@ntt.com

May 9, 2018

## **APPENDIX C:**

### **Edge Cable Holdings USA, LLC**

Edge Cable Holdings USA, LLC (“Edge USA”) is a wholly-owned, direct subsidiary of Facebook, Inc. (“Facebook”), a Delaware corporation. Edge USA is organized under Delaware law, with its principal place of business in Menlo Park, California. Edge USA provides connectivity exclusively to data centers and points of presence in the United States owned and operated by its affiliates. Edge USA currently holds a cable landing license for the MAREA system,<sup>1</sup> and is a joint applicant for a cable landing license for the PLCN system.<sup>2</sup>

Edge USA and its affiliates will hold participation and voting interests in the Main Trunk and Oregon Branch of the JUPITER system, as described in part I.E of the main narrative application. Neither Edge USA nor any of its affiliates will (i) participate in, or hold any capacity on, the Philippines branch; or (ii) have an ownership interest in the Japanese or U.S. cable landing stations. Below, Edge USA provides information required by 47 C.F.R. § 1.767(a)(1)-(a)(3), (a)(8), (a)(9), (j), and (k).

#### **I. INFORMATION REQUIRED BY 47 C.F.R. § 1.767(a)**

##### **(1) Applicant’s Name, Address, and Telephone Number<sup>3</sup>**

Edge Cable Holdings USA, LLC  
1601 Willow Road  
Menlo Park, California 94025-1452  
+1 650 543 4800

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<sup>1</sup> See FCC File No. SCL-LIC-20160525-00012.

<sup>2</sup> See FCC File No. SCL-LIC-20170421-00012.

<sup>3</sup> See 47 C.F.R. § 1.767(a)(1).

**(2) Applicant’s Place of Incorporation<sup>4</sup>**

Edge USA is a limited liability company organized under Delaware law.

**(3) Contact Information<sup>5</sup>**

Correspondence concerning the application should be sent to the following:

Johanna Ravelo  
Director and Associate General Counsel  
Facebook, Inc.  
One Hacker Way  
Menlo Park, California 94025-1452  
jravelo@fb.com

With a copy to:

Andrew Guhr  
Associate General Counsel  
Facebook, Inc.  
1299 Pennsylvania Avenue, N.W.  
Washington, D.C. 20004  
aguhr@fb.com

**(4) Certification Regarding Ownership, Citizenship, Principal Business, and Interlocking Directorates<sup>6</sup>**

Edge USA certifies that it has the following 10-percent-or-greater direct or indirect interest holders, based on the most current data as of March 31, 2018:

- **Facebook, Inc. (“Facebook”)**  
*Address:* 1601 Willow Road, Menlo Park, California 94025  
*Place of Organization:* Delaware  
*Principal Business:* software and technology  
*Relationship:* Facebook holds a 100-percent voting and equity interest in Edge USA.

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<sup>4</sup> See *id.* § 1.767(a)(2).

<sup>5</sup> See *id.* § 1.767(a)(3).

<sup>6</sup> See *id.* §§ 1.767(a)(8)(i), 63.18(h).

- **CZI Holdings, LLC (“CZI”)**

*Address:* 314 Lytton Avenue, Suite 200, Palo Alto, California 94301

*Place of Organization:* Delaware

*Principal Business:* philanthropy

*Relationship:* CZI holds owns 13.79 percent of Facebook’s outstanding shares and holds a 52.73-percent voting interest in Facebook.

- **Mark Zuckerberg**

*Address:* 1601 Willow Road, Menlo Park, California 94025

*Citizenship:* USA

*Principal Business:* software and technology

*Relationship:* Mr. Zuckerberg, who serves as Chairman and CEO of Facebook, owns all of CZI’s member interests and, together with his other ownership positions in Facebook, owns approximately 13.26 percent of Facebook’s outstanding shares and holds an approximate 59.9-percent voting interest in Facebook that includes (a) a 52.18-percent voting interest for shares he holds directly or controls through CZI; and (b) a 6.6-percent voting interest that he has authority to vote pursuant to voting agreements with (i) Dustin Moskovitz, Trustee of The Dustin Moskovitz 2008 Annuity Trust dated March 10, 2008, and (ii) Dustin Moskovitz, Trustee of The Dustin A. Moskovitz Trust dated December 27, 2005.

Facebook’s shares trade publicly on the NASDAQ Stock Market under the symbol “FB.”

As there is an active market in Facebook’s shares, Facebook’s share ownership is always fluid.

Moreover, Facebook can ascertain its significant shareholders only on the basis of its records and may not know of possibly related or affiliated shareholders that are not disclosed to it.

Recognizing these limitations, as of the most recent measurable date, March 31, 2018, Facebook has no 10-percent-or-greater direct or indirect shareholders other than CZI and Mr. Zuckerberg.

Edge USA further certifies that no corporate officer and director of Edge USA is also an officer or director of any foreign carrier.

**(5) Certification Regarding the Anti-Drug Abuse Act of 1988<sup>7</sup>**

Edge USA certifies that no party to this application is subject to a denial of federal benefits under Section 5301 of the Anti-Drug Abuse Act of 1988, as amended.<sup>8</sup>

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<sup>7</sup> See *id.* §§ 1.767(a)(8)(i), 63.18(o).



**(6) Certification Regarding Foreign Carrier Status and Foreign Affiliations<sup>9</sup>**

Edge USA certifies that it:

(A) is not a foreign carrier in any foreign country;

(B) does not own or control a cable landing station in any foreign country;

(C) is not affiliated with any foreign carrier and is not affiliated with any entity owning or controlling a cable landing station in any foreign country (although it is affiliated with Edge Network Holdings Limited, an entity which will own a 25-percent interest in the Bilbao, Spain, cable landing station for the MAREA system).

**(7) Certification Regarding Destination Countries<sup>10</sup>**

Recognizing that Edge USA will hold no interest in JUPITER's Philippines branch, Edge USA nevertheless certifies to the following: (A) it is not a foreign carrier in Japan or the Philippines, the two foreign destination markets in which the JUPITER cable system will land; (B) it does not control a foreign carrier in Japan or the Philippines; (C) no entity owning more than 25 percent of it or controlling it controls a foreign carrier in Japan or the Philippines; and (D) no grouping of two or more foreign carriers in Japan or the Philippines (or parties that control foreign carriers in Japan or the Philippines) own, in aggregate, more than 25 percent of it and are parties to, or beneficiaries of, a contractual relation affecting the provision or marketing of arrangements for the terms of acquisition, sale, lease, transfer, and use of capacity on the JUPITER cable system in the United States.

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<sup>8</sup> 21 U.S.C. § 862(a). Pub. L. No. 100-690, title V, §5301, 102 Stat. 4310 (1988), which related to denial of Federal benefits to drug traffickers and possessors—previously codified at 21 U.S.C. § 853(a)—was renumbered section 421 of the Controlled Substances Act by Public Law 101-647, title X, § 1002(d)(1), 104 Stat. 4827 (1990), and has been recodified as 21 U.S.C. § 862(a). 47 C.F.R. § 63.18(o) does not reflect this recodification.

<sup>9</sup> See 47 C.F.R. § 1.767(a)(8)(ii).

<sup>10</sup> See *id.* § 1.767(a)(8)(iii).

**(8) Certifications Regarding WTO Status and Affiliations with Foreign Carriers Having Market Power in Foreign Destination Markets<sup>11</sup>**

No response is required.

**(9) Certification Regarding Routine Conditions<sup>12</sup>**

Edge USA certifies that it accepts and will abide by the routine conditions specified in 47 C.F.R. § 1.767(g).

**(10) Streamlining—Market Power<sup>13</sup>**

Edge USA requests streamlined processing pursuant to 47 C.F.R. § 1.767(k)(1). Edge USA certifies that it is not a foreign carrier and is not affiliated with a foreign carrier in Japan or the Philippines, the two foreign destination markets in which JUPITER will land.

**(11) Streamlining—CZMA<sup>14</sup>**

Edge USA certifies that it is not required to submit a consistency certification to any state pursuant to Section 1456(c)(3)(A) of the Coastal Zone Management Act, codified at 16 U.S.C. § 1456(c)(3)(A). California and Oregon, the only U.S. states in which the JUPITER cable system will land, do not list, and have never proposed to list, a cable landing license as a federal activity requiring a consistency certification.<sup>15</sup>

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<sup>11</sup> See *id.* § 1.767(a)(8)(iv).

<sup>12</sup> See *id.* § 1.767(a)(9).

<sup>13</sup> See *id.* § 1.767(j), (k).

<sup>14</sup> See *id.*

<sup>15</sup> See California Coastal Commission, California Coastal Management Program, List of Federal Licenses and Permits Subject to Certification for Consistency, [https://www.coastal.ca.gov/fedcd/listlic\\_2015.pdf](https://www.coastal.ca.gov/fedcd/listlic_2015.pdf); Federal Licenses and Permits Which Must Be Certified for Consistency with the Oregon Coastal Management Program, [http://www.oregon.gov/LCD/OCMP/docs/General/Table7\\_final.pdf](http://www.oregon.gov/LCD/OCMP/docs/General/Table7_final.pdf); National Oceanic and Atmospheric Administration, National Coastal Zone Management Program, Oregon's Listed Federal Actions, <https://coast.noaa.gov/czm/consistency/media/or.pdf>.

**CERTIFICATION**

On behalf of Edge USA, I certify that all of the information contained in this application and Appendix C is true and correct to the best of my knowledge and belief.

**Edge Cable Holdings USA, LLC**



Kent Bressie  
Harris, Wiltshire & Grannis LLP  
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+1 202 730 1337  
kbressie@hwglaw.com

*Counsel for Edge Cable Holdings USA, LLC*

---

Michael L. Johnson  
Assistant Secretary  
Edge Cable Holdings USA, LLC  
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Menlo Park, CA 94025-1452  
+1 650 543 4800  
mj@fb.com

April 30th, 2018

## **APPENDIX D:**

### **HKT GLOBAL (SINGAPORE) PTE. LTD.**

HKT Global (Singapore) Pte. Ltd. ('HKTGS') is a 51.97% owned indirect subsidiary of PCCW Limited, incorporated under the laws of Singapore, providing facility-based telecommunication services. PCCW Limited (stock code 0008) is a publicly held company listed on the Hong Kong Stock Exchange.

HKTGS will hold participation and voting interests in the Main Trunk of the JUPITER system, as described in part I.E of the main narrative application. Below, HKTGS provides information required by 47 C.F.R. § 1.767(a)(1)-(a)(3), (a)(8), (a)(9), (j), and (k).

#### **I. INFORMATION REQUIRED BY 47 C.F.R. § 1.767(a)**

##### **(1) Applicant's Name, Address, and Telephone Number<sup>1</sup>**

###### **HKT Global (Singapore) Pte. Ltd.**

6 Temasek Boulevard,  
#41-04A/05 Suntec Tower Four,  
Singapore 038986  
Tel: +65 6429 3988

##### **(2) Applicant's Place of Incorporation<sup>2</sup>**

HKT Global (Singapore) Pte. Ltd. is incorporated under the laws of Singapore.

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<sup>1</sup> See 47 C.F.R. § 1.767(a)(1).

<sup>2</sup> See *id.* § 1.767(a)(2).

**(3) Contact Information<sup>3</sup>**

Cheng Man Kit Benney  
Director  
HKT Global (Singapore) Pte. Ltd.  
6 Temasek Boulevard,  
#41-04A/05 Suntec Tower Four,  
Singapore 038986  
Tel: +65 6429 3988  
E-Mail: bcheng@pccwglobal.com

*with a copy to:*

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Legal Counsel  
Wilkinson Barker Knauer, LLP  
1800 M Street, N.W.  
Suite 800N  
Washington, D.C. 20036  
Tel: (202) 383-3384  
Fax: (202) 783-5651  
E-Mail: jkostyu@wbklaw.com

*Counsel for HKT Global (Singapore) Pte. Ltd.*

**(4) Certification Regarding Ownership, Citizenship, Principal Business, and Interlocking Directorates<sup>4</sup>**

HKTGS certifies to the following. HKTGS has the following 10-percent-or-greater direct or indirect interest holders:

- **PCCW Communications (Holdings) Limited**  
*Address:* Vistra Corporate Services Centre, Wickhams Cay II, Road Town, Tortola, VG1110, British Virgin Islands  
*Place of Organization:* British Virgin Islands  
*Principal Business:* Investment holding  
*Relationship:* PCCW Communications (Holdings) Limited holds a 100-percent equity and voting interest in HKTGS.

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<sup>3</sup> See *id.* § 1.767(a)(3).

<sup>4</sup> See *id.* §§ 1.767(a)(8)(i), 63.18(h).

- **HKT (International) Limited**  
*Address:* Vistra Corporate Services Centre, Wickhams Cay II, Road Town, Tortola, VG1110, British Virgin Islands  
*Place of Organization:* British Virgin Islands  
*Principal Business:* Investment holding  
*Relationship:* HKT (International) Limited holds a 100-percent equity and voting interest in PCCW Communications (Holdings) Limited.
  
- Hong Kong Telecommunications HKT (CI) Limited**  
*Address:* PO Box 309, Ugland House, Grand Cayman, KY1-1104, Cayman Islands  
*Place of Organization:* Cayman Islands  
*Principal Business:* Investment holding  
*Relationship:* Hong Kong Telecommunications HKT (CI) Limited holds a 100-percent equity and voting interest in HKT (International) Limited.
  
- **HKT Holdings Limited**  
*Address:* PO Box 309, Ugland House, Grand Cayman, KY1-1104, Cayman Islands  
*Place of Organization:* Cayman Islands  
*Principal Business:* Investment holding  
*Relationship:* HKT Holdings Limited holds a 100-percent equity and voting interest in Hong Kong Telecommunications HKT (CI) Limited.
  
- **HKT Group Holdings Limited**  
*Address:* PO Box 309, Ugland House, Grand Cayman, KY1-1104, Cayman Islands  
*Place of Organization:* Cayman Islands  
*Principal Business:* Investment holding  
*Relationship:* HKT Group Holdings Limited holds a 100-percent equity and voting interest in HKT Holdings Limited.
  
- **HKT Limited**  
*Address:* PO Box 309, Ugland House, Grand Cayman, KY1-1104, Cayman Islands  
*Place of Organization:* Cayman Islands  
*Principal Business:* Investment holding  
*Relationship:* HKT Limited holds a 100-percent equity and voting interest in HKT Group Holdings Limited.
  
- **HKT Trust (a trust constituted on 7 November 2011 under the laws of Hong Kong and managed by HKT Management Limited)**  
*Address:* c/o 39<sup>th</sup> Floor, PCCW Tower, Taikoo Place, 979 King's Road, Quarry Bay, Hong Kong  
*Place of Organization:* Hong Kong  
*Principal Business:* Investment holding  
*Relationship:* As HKT Trust is not a legal entity, all the assets of the HKT Trust are held by HKT Management Limited for the benefit of the HKT Trust.

- **HKT Management Limited**  
*Address:* 39<sup>th</sup> Floor, PCCW Tower, Taikoo Place, 979 King's Road, Quarry Bay, Hong Kong  
*Place of Organization:* Hong Kong  
*Principal Business:* Trustee and manager of the HKT Trust  
*Relationship:* HKT Management Limited holds a 100-percent equity and voting interest in HKT Limited in its capacity as trustee and manager of the HKT Trust.
- **CAS Holding No. 1 Limited**  
*Address:* Vistra Corporate Services Centre, Wickhams Cay II, Road Town, Tortola, VG1110, British Virgin Islands  
*Place of Organization:* British Virgin Islands  
*Principal Business:* Investment holding  
*Relationship:* CAS Holding No. 1 Limited directly holds approximately 51.97-percent of the issued share stapled units of the HKT Trust and HKT Limited; and 100-percent equity and voting in HKT Management Limited, the trustee and manager of the HKT Trust.
- **PCCW Limited**  
*Address:* 41<sup>st</sup> Floor, PCCW Tower, Taikoo Place, 979 King's Road, Quarry Bay, Hong Kong  
*Place of Organization:* Hong Kong  
*Principal Businesses:* Telecommunications, media, IT solutions, property development and investment, and other businesses  
*Relationship:* PCCW Limited holds a 100-percent equity and voting interest in CAS Holding No. 1 Limited.
- **Pacific Century Regional Developments Limited**  
*Address:* 50 Raffles Place, #35-01 Singapore Land Tower, Singapore 048623  
*Place of Organization:* Singapore  
*Principal Business:* Investment holding  
*Relationship:* Pacific Century Regional Developments Limited beneficially holds (i) an approximate 22.72-percent equity and voting interest in PCCW Limited and (ii) an approximate 1.74-percent voting and equity interest in HKT Trust and HKT Limited.
- **Pacific Century Group (Cayman Islands) Limited**  
*Address:* P. O. Box 31119 Grand Pavilion, Hibiscus Way, 802 West Bay Road, Grand Cayman, KY1-1205, Cayman Islands  
*Place of Organization:* Cayman Islands  
*Principal Business:* Investment holding  
*Relationship:* Pacific Century Group (Cayman Islands) Limited holds an approximate 43.82-percent equity and voting interest in Pacific Century Regional Developments Limited, (ii) a 100-percent equity and voting interest in Anglang Investments Limited, which holds 44.12-percent equity and voting interest in Pacific Century Regional Developments Limited.

- **Pacific Century International Limited**  
*Address:* 3/F., BCI House, Avarua, Rarotonga, Cook Islands  
*Place of Organization:* Cook Islands  
*Principal Business:* Investment holding  
*Relationship:* Pacific Century International Limited beneficially holds a 100-percent equity and voting interest in Pacific Century Group (Cayman Islands) Limited.
- **Pacific Century Group Holdings Limited**  
*Address:* P.O. Box 3140, Commerce House, Wickhams Cay 1, Road Town, Tortola, British Virgin Islands VG1110  
*Place of Organization:* British Virgin Islands  
*Principal Business:* Investment holding  
*Relationship:* Pacific Century Group Holdings Limited beneficially holds (i) a 100-percent equity and voting interest in Pacific Century International Limited; (ii) a 100-percent equity and voting interest in Borsington Limited, which beneficially holds an approximate 0.63-percent equity and voting interest in Pacific Century Regional Developments Limited; (iii) an approximate 0.01-percent equity and voting interest in Pacific Century Regional Developments Limited; (iv) an approximate 2.27-percent equity and voting interest in PCCW Limited; and (v) an approximate 0.17-percent equity and voting interest in the HKT Trust and HKT Limited.
- **Ocean Star Management Limited**  
*Address:* Richmond House, 12 Par-la-Ville Road, Hamilton, HM08, Bermuda  
*Place of Organization:* Bermuda  
*Principal Business:* Trustee of unit trusts  
*Relationship:* Ocean Star Management Limited as trustee for The Ocean Unit Trust and The Starlite Unit Trust holds a 100-percent equity and voting interest in Pacific Century Group Holdings Limited.
- **OS Holdings Limited**  
*Address:* Clarendon House, 2 Church Street, Hamilton, HM11, Bermuda  
*Place of Organization:* Bermuda  
*Principal Business:* Holding company  
*Relationship:* OS Holdings Limited holds directly a 100-percent equity and voting interest in Ocean Star Management Limited.
- **China Unicom Group Corporation (BVI) Limited**  
*Address:* P.O. Box 3140, Wickhams Cay 1, Road Town, Tortola, British Virgin Islands  
*Place of Organization:* British Virgin Islands  
*Principal Business:* Investment holding  
*Relationship:* China Unicom Group Corporation (BVI) Limited holds an approximate 18.46-percent equity and voting interest in PCCW Limited.



- China United Network Communications Group Company Limited**  
*Address:* 21 Jin Rong Street, Xicheng District, Beijing 100033, The People’s Republic of China  
*Place of Organization:* People’s Republic of China  
*Principal Business:* Telecommunications  
*Relationship:* China United Network Communications Group Company Limited directly owns 100-percent equity and voting interest in China Unicom Group Corporation (BVI) Limited.
- State-Owned Assets Supervision and Administration Commission of the State Council of the People’s Republic of China**  
*Address:* #26, XuanWuMenXi Street, XuanWu District, Beijing, China 100053  
*Place of Organization:* People’s Republic of China  
*Principal Business:* Government  
*Relationship:* The Chinese Government holds a 98.4-percent equity and voting interest in China United Network Communications Group Company Limited.

PCCW Limited (stock code 0008) is a publicly held company listed on the Hong Kong Stock Exchange. The most recent date of measurement of shareholder interests is based on disclosure with the Hong Kong Stock Exchange on 13 February 2017.

HKTGS certifies that the following corporate officers and directors of HKTGS are also officers or directors of other foreign carriers within the PCCW Limited group of companies and affiliates of PCCW Limited: None

**(5) Certification Regarding the Anti-Drug Abuse Act of 1988<sup>5</sup>**

By its signature below, HKTGS certifies that no party to this application is subject to a denial of federal benefits under Section 5301 of the Anti-Drug Abuse Act of 1988, as amended.<sup>6</sup>

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<sup>5</sup> See *id.* §§ 1.767(a)(8)(i), 63.18(o).

<sup>6</sup> 21 U.S.C. § 862(a). Pub. L. 100-690, title V, Section 5301 (Nov. 18, 1988), 102 Stat. 4310, which related to denial of Federal benefits to drug traffickers and possessors—previously codified at 21 U.S.C. § 853(a)—was renumbered section 421 of the Controlled Substances Act by Public Law 101-647, title X, Section 1002(d)(1) (Nov. 29, 1990), 104 Stat. 4827, and has been recodified as 21 U.S.C. § 862(a). 47 C.F.R. § 63.18(o) does not reflect this recodification.

**(6) Certification Regarding Foreign Carrier Status and Foreign Affiliations<sup>7</sup>**

By the signature below, HKTGS certifies that it:

(A) is a foreign carrier in Singapore;

(B) does not own or control a cable station in any foreign country;

(C) is affiliated with the following foreign carriers in Australia, Belgium, Bulgaria, France, Germany, Greece, Hong Kong, Italy, Japan, Mozambique, Netherland, Republic of Korea, South Africa, Sweden, Switzerland, Taiwan, United Kingdom, five of which own or control a cable landing station in Japan, Taiwan, Republic of Korea, Hong Kong as listed in Table 1 below:

**TABLE 1: AFFILIATED FOREIGN CARRIERS**

<b>Entity</b>	<b>Country</b>	<b>Owns/Controls Cable Landing Station? Y/N</b>
PCCW Global Limited	Hong Kong	N
PCCW Global (HK) Limited	Hong Kong	N
PCCW-HKT Telephone Limited	Hong Kong	N
PCCW Global (Japan) K.K.	Japan	N
PCCW Global Korea Limited	Republic of Korea	N
PCCW-HKT Limited, Taiwan Branch	Taiwan	N
Gateway Global Communications Limited	United Kingdom	N
Hong Kong Telecommunications (HKT) Limited	Hong Kong	N
PCCW-HKT Business Services Limited	Hong Kong	N
PCCW Powerbase Data Center Services (HK) Limited	Hong Kong	N
PCCW Media Limited	Hong Kong	N
PCCW Solutions Limited	Hong Kong	N

<sup>7</sup> See 47 C.F.R. § 1.767(a)(8)(ii).

PCCW Global (Australia) Pty Limited	Australia	N
PCCW Global B.V. – French Branch Office	France	N
Gateway Communications S.A.S.	France	N
PCCW Global (Germany) GmbH	Germany	N
PCCW Global (Hellas) Telecommunications S.A.	Bulgaria, Greece	N
Gateway Communications S.A.	Belgium	N
PCCW Global B.V.	Netherlands, Italy, Sweden	N
PCCW Global (Sweden) AB	Sweden	N
PCCW Global (Switzerland) Sàrl	Switzerland	N
Gateway Communications Mozambique, Limitada	Mozambique	N
Gateway Communications (Proprietary) Limited	South Africa	N
REACH Cable Networks Limited	Hong Kong	Y
REACH Networks Hong Kong Limited	Hong Kong	Y
REACH Networks Australia Pty Limited	Australia	N
REACH Services Australia Pty Limited	Australia	N
REACH Networks K.K.	Japan	Y
REACH International Telecom (Singapore) Pte. Limited	Singapore	N
REACH Cable Korea Limited	Republic of Korea	Y
REACH Networks (Taiwan) Limited	Taiwan	Y
REACH Europe Ltd.	United Kingdom	N

**(7) Certification Regarding Destination Countries<sup>8</sup>**

By the signature below, HKTGS certifies to the following: (A) it is not a foreign carrier in Japan or the Philippines, the two foreign destination markets in which the JUPITER system will land; (B) it does not control a foreign carrier in Japan or the Philippines; (C) an entity owning more than 25 percent of it or controlling it controls a foreign carrier in Japan or the Philippines; and (D) no grouping of two or more foreign carriers in Japan or the Philippines (or parties that control foreign carriers in Japan or the Philippines) own, in aggregate, more than 25 percent of it and are parties to, or beneficiaries of, a contractual relation affecting the provision or marketing of arrangements for the terms of acquisition, sale, lease, transfer, and use of capacity on the JUPITER system in the United States.

**(8) Certifications Regarding WTO Status and Affiliations with Foreign Carriers Having Market Power in Foreign Destination Markets<sup>9</sup>**

All countries listed in response in preceding part I(7) are member of the World Trade Organization.

**(9) Certification Regarding Routine Conditions<sup>10</sup>**

By the signature below, HKTGS certifies that it accepts and will abide by the routine conditions specified in 47 C.F.R. § 1.767(g).

**(10) Streamlining—Market Power<sup>11</sup>**

HKTGS requests streamlined processing pursuant to 47 C.F.R. § 1.767(k)(2). HKTGS is affiliated with foreign carriers in Japan, where its affiliates have far less than a fifty-percent

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<sup>8</sup> See *id.* § 1.767(a)(8)(iii).

<sup>9</sup> See *id.* § 1.767(a)(8)(iv).

<sup>10</sup> See *id.* § 1.767(a)(9).

<sup>11</sup> See *id.* § 1.767(j), (k).

market share in either the international-transport or local access-market of Japan. HKTGS does not appear on the Commission's list of foreign carriers presumed to have market power in foreign destination markets.<sup>12</sup> HKTGS's affiliation with Japanese carriers therefore poses no risk to competition on the U.S.-Japan route and HKTGS therefore qualifies for presumptive non-dominant treatment pursuant to 47 C.F.R. §§ 63.10(a)(3) and 63.12(c)(1)(ii).

**(11) Streamlining—CZMA<sup>13</sup>**

By the signature below, HKTGS certifies that it is not required to submit a consistency certification to any state pursuant to Section 1456(c)(3)(A) of the Coastal Zone Management Act, codified at 16 U.S.C. § 1456(c)(3)(A). California and Oregon, the only U.S. states in which the JUPITER system will land, do not list, and have never proposed to list, a cable landing license as a federal activity requiring a consistency certification.<sup>14</sup>

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<sup>12</sup> See *International Bureau Revises and Reissues the Commission's List of Foreign Telecommunications Carriers that Are Presumed to Possess Market Power in Foreign Telecommunications Markets*, Public Notice, 22 FCC Rcd. 945 (Int'l Bur. 2007).

<sup>13</sup> See 47 C.F.R. §§ 1.767(j), (k).

<sup>14</sup> See California Coastal Commission, California Coastal Management Program, List of Federal Licenses and Permits Subject to Certification for Consistency, [https://www.coastal.ca.gov/fedcd/listlic\\_2015.pdf](https://www.coastal.ca.gov/fedcd/listlic_2015.pdf); Federal Licenses and Permits Which Must Be Certified for Consistency with the Oregon Coastal Management Program, [http://www.oregon.gov/LCD/OCMP/docs/General/Table7\\_final.pdf](http://www.oregon.gov/LCD/OCMP/docs/General/Table7_final.pdf); National Oceanic and Atmospheric Administration, National Coastal Zone Management Program, Oregon's Listed Federal Actions <https://coast.noaa.gov/czm/consistency/media/or.pdf>.

## **CERTIFICATION**

On behalf of HKTGS, I certify that all of the information contained in this application and Appendix D is true and correct to the best of my knowledge and belief.

**HKT Global (Singapore) Pte. Ltd.**

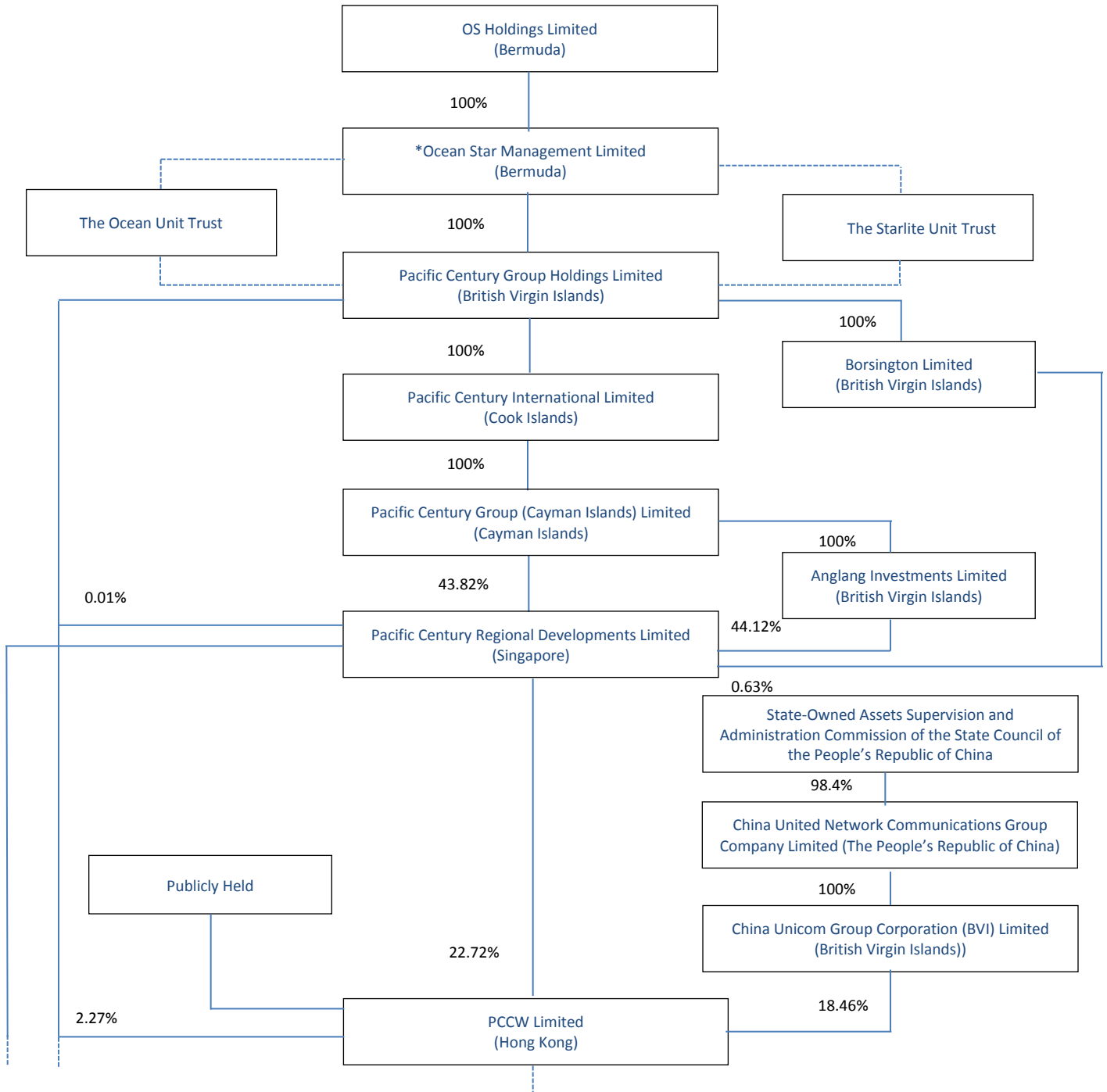


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Cheng Man Kit Benney  
Director  
HKT Global (Singapore) Pte. Ltd.  
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#41-04A/05 Suntec Tower Four,  
Singapore 038986

Tel: +65 6429 3988  
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Exhibit to Appendix D  
HKTGS Organizational Chart

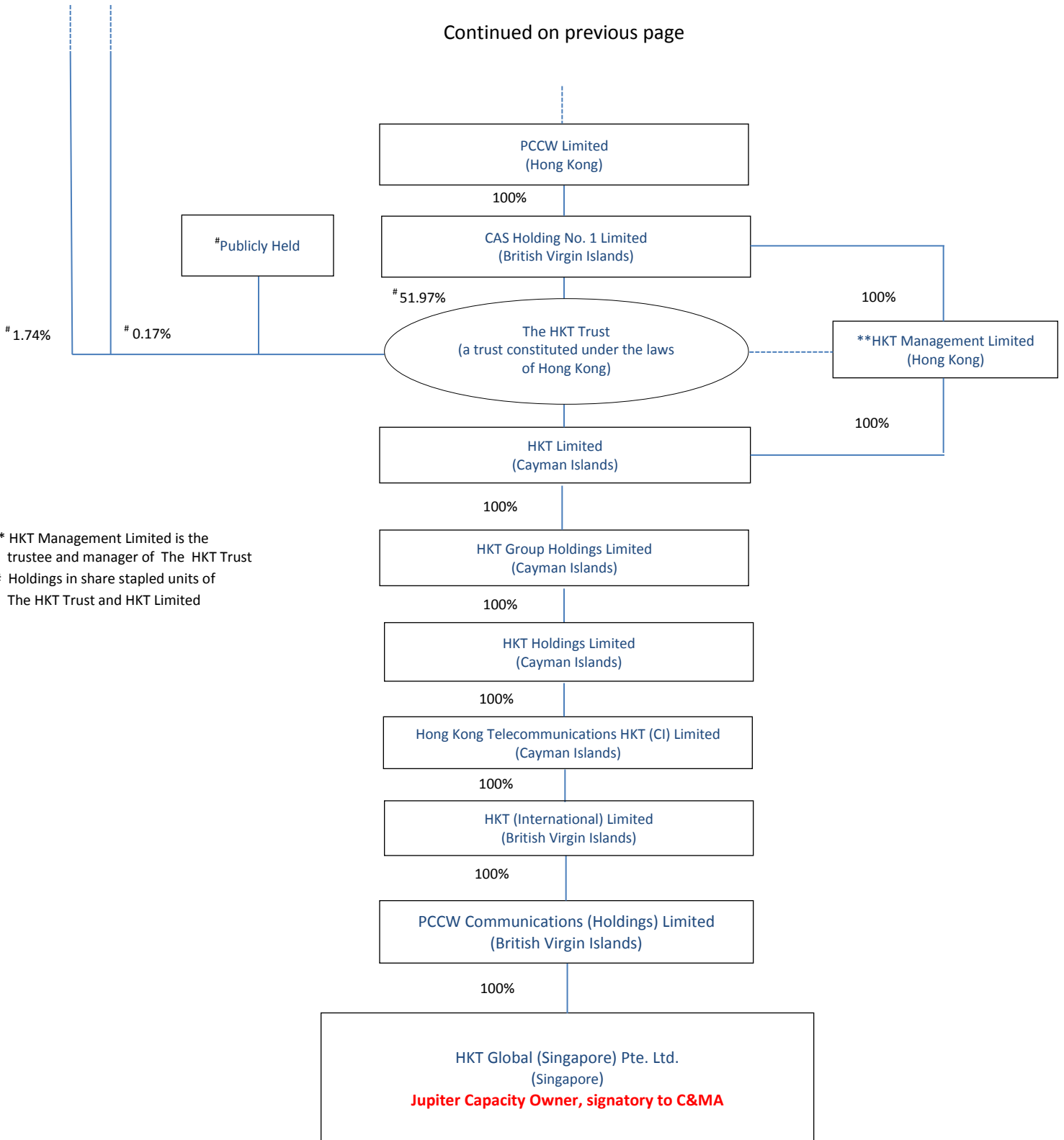


\*Ocean Star Management Limited as the trustee for The Ocean Unit Trust and The Starlite Unit Trust holds shares in Pacific Century Group Holdings Limited

Note: ownership % indicated in equity and voting interest unless otherwise noted.

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## APPENDIX E:

### PLDT INC.

Founded on November 28, 1928, PLDT Inc. ("PLDT," formerly Philippine Long Distance Telephone Company) is a telecommunications provider in the Philippines. Through its three principal business groups – fixed line, wireless, and information and communication technology – PLDT offers a diverse range of telecommunications services across the Philippines, with broad fiber optic backbone and fixed line, cellular and satellite networks. PLDT is a joint cable landing licensee for the Asia-America Gateway ("AAG") cable network.

PLDT will hold participation and voting interests in the Main Trunk of the JUPITER system and the Philippines Branch, as described in part I.E of the main narrative application. It will also own and control the Daet, Philippines, cable landing station at which the JUPITER system will land. Below, PLDT provides information required by 47 C.F.R. § 1.767(a)(1)-(a)(3), (a)(8), (a)(9), (j), and (k).

#### **I. INFORMATION REQUIRED BY 47 C.F.R. § 1.767(a)**

##### **(1) Applicant's Name, Address, and Telephone Number<sup>1</sup>**

PLDT Inc.  
Ramon Cojuangco Building Makati Avenue  
Makati City 0721 Philippines  
Tel: +63 2 816 8119

##### **(2) Applicant's Place of Incorporation<sup>2</sup>**

PLDT is a Philippine corporation.

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<sup>1</sup> See 47 C.F.R. § 1.767(a)(1).

<sup>2</sup> See *id.* § 1.767(a)(2).

**(3) Contact Information<sup>3</sup>**

Mr. Genaro C. Sanchez  
VP and Head, International Network  
PLDT Inc.  
9/F PLDT MGO Building, Legaspi Street, Makati City 0721 Philippines  
Tel: +63 2 816 8688  
gsanchez@pldt.com.ph

**(4) Certification Regarding Ownership, Citizenship, Principal Business, and Interlocking Directorates<sup>4</sup>**

PLDT certifies that it has the following 10-percent-or-greater direct or indirect interest holders as of February 28, 2018:

- **Philippine Telecommunications Investment Corporation (“PTIC”)**  
*Address:* 10<sup>th</sup> Floor Net One Building 26<sup>th</sup> Street, Bonifacio Global City, Fort Bonifacio, Taguig City, Philippines  
*Place of Organization:* Philippines  
*Principal Business:* investments  
*Relationship:* PTIC holds a 3.91 percent equity interest (based on outstanding capital stock) and a 7.11-percent voting interest (based on outstanding voting stock) in PLDT.
- **Metro Pacific Resources, Inc. (“MPRI”)**  
*Address:* 10<sup>th</sup> Floor Net One Building 26<sup>th</sup> Street, Bonifacio Global City, Fort Bonifacio, Taguig City, Philippines  
*Place of Organization:* Philippines  
*Principal Business:* holding company  
*Relationship:* MPRI holds a 3.24 percent equity interest (based on outstanding capital stock) and a 5.89 percent voting interest (based on outstanding voting stock) in PLDT.

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<sup>3</sup> See *id.* § 1.767(a)(3).

<sup>4</sup> See *id.* §§ 1.767(a)(8)(i), 63.18(h).

- **First Pacific Company Limited (“First Pacific”)**  
*Address:* 24/F, Two Exchange Square, 8 Connaught Place, Central, Hong Kong SAR  
*Place of Organization:* Hong Kong SAR  
*Principal Business:* investments  
*Relationship:* First Pacific, in aggregate, controls a 25.57-percent common shares and 15.09-percent voting interest in PLDT, through its indirect interests in its affiliates, PTIC and MPRI, and wholly-owned subsidiary, Semilion Enterprises Inc. (“Semilion”). (Semilion, a company incorporated in British Virgin Islands with its principal place of business located at 24<sup>th</sup> Floor, Two Exchange Square, 8 Connaught Place, Central, Hongkong, holds a direct 3.54-percent common shares interest in PLDT). First Pacific’s shares trade publicly on The Stock Exchange of Hong Kong Limited with Stock Code 00142.
- **NTT Communications Corporation (“NTT Com”)**  
*Address:* Level 4 1-1-6 Uchisaiwai-cho, Chiyoda-ku, Tokyo 100-8019, Japan  
*Place of Organization:* Japan  
*Principal Business:* telecommunications  
*Relationship:* NTT Com holds a 1.90-percent equity interest (based on outstanding capital stock) and a 3.45-percent voting interest (based on outstanding voting stock) in PLDT.
- **NTT DOCOMO, Inc. (“NTT DOCOMO”)**  
*Address:* 2-11-1 Nagata-cho, Chiyoda-ku Tokyo 100-6150, Japan  
*Place of Organization:* Japan  
*Principal Business:* telecommunications  
*Relationship:* NTT DOCOMO holds a 4.70-percent equity interest (based on outstanding capital stock) and a 8.56-percent voting interest (based on outstanding voting stock) in PLDT.
- **Nippon Telegraph and Telephone Corporation (“NTT”)**  
*Address:* Otemachi First Square, East Tower, Otemachi 1-Chome, Chiyoda-ku, Tokyo 100-8116, Japan  
*Place of Organization:* Japan  
*Principal Business:* telecommunications  
*Relationship:* Based on publicly-available information, NTT holds a 100-percent voting-and-equity interest in NTT Com and a 63.32-percent voting-and-equity interest in NTT DOCOMO.
- **Japanese Ministry of Finance**  
*Address:* 3-1-1 Kasumigaseki, Chiyoda, Tokyo 100-0013, Japan  
*Place of Organization:* Japan  
*Principal Business:* government  
*Relationship:* Based on publicly-available information, the Japanese Ministry of Finance holds a 32.39-percent voting-and-equity interest in NTT

- **BTF Holdings, Inc. (“BTF Holdings”)**

*Address:* Ramon Cojuangco Building, Makati Avenue, Makati City, Philippines

*Place of Organization:* Philippines

*Principal Business:* investments

*Relationship:* BTF Holdings holds a 22.52-percent equity interest (based on outstanding capital stock and a 40.98 voting interest (based on outstanding voting stock) in PLDT. BTF is controlled by the Board of Trustees for the Account of the Beneficial Trust Fund Created Pursuant to the Benefit Plan of PLDT Co. Based on a resolution adopted by the Board of Directors of BTF Holdings, the Chairman of the Board of PLDT, Mr. Manuel V. Pangilinan has been appointed as proxy or duly authorized representative of BTF Holdings to represent and vote the PLDT shares of voting preferred stock of BTF Holdings in the annual meeting of PLDT.

The following corporate officers and directors of PLDT are also officers or directors of other foreign carriers:

- **Manuel V. Pangilinan**

*Position with PLDT:* Chairman of the Board/Director, President and Chief Executive Officer (CEO)

*Positions with other foreign carriers:*

- Smart Communications Inc.: Chairman of the Board/Director, President and CEO
- Digital Telecommunications Phils., Inc. (DTPI): Chairman of the Board/Director
- Digitel Mobile Phils., Inc. (DMPI): Chairman of the Board/Director

- **Victorico P. Vargas**

*Position with PLDT:* Business Transformation Office Head

*Positions with other foreign carriers:*

- Smart Communications Inc.: Director
- PLDT Clark Telecom, Inc.: Director
- PLDT Subic Telecom, Inc.: Director

- **Ernesto R. Alberto**

*Position with PLDT:* Executive Vice President, Chief Revenue Officer

*Position with other foreign carriers:*

- Smart Communications Inc.: Director, Chief Revenue Officer
- Digital Telecommunications Phils., Inc.: President, &CEO/ and Director
- Digitel Mobile Phils., Inc. (DMPI): President, CEO and Chairman of the Board/Director
- Digitel Crossing Inc.: President, CEO and Chairman of the Board/Director
- PLDT-Maratel, Inc.: Chairman of the Board/Director
- PLDT-Philcom, Inc.: Chairman of the Board/Director
- PLDT Clark Telecom, Inc.: Chairman of the Board/Director
- PLDT Subic Telecom, Inc.: Chairman of the Board/Director
- Bonifacio Communications Corporation: Chairman of the Board/Director
- PLDT Malaysia Sdn. Bhd.: Chairman of the Board/Director

- **Marco Alejandro T. Borlongan**

*Position with PLDT:* First Vice President, Home Business Development & Operations Head

*Positions with other foreign carriers:*

- PLDT-Maratel, Inc.: President and Director
- PLDT-Philcom, Inc.: President and Director
- Bonifacio Communications Corporation: Director

- **June Cheryl A. Cabal-Revilla**

*Position with PLDT:* Senior Vice President, Financial Reporting and Controllershship

*Positions with other foreign carriers:*

- Smart Communications Inc.: Chief Financial Officer
- Digital Telecommunications Phils., Inc.: Chief Financial Officer
- Digitel Mobile Phils., Inc. (DMPI): Chief Financial Officer
- Digitel Crossing Inc.: Treasurer
- PLDT-Maratel, Inc.: Director
- PLDT-Philcom, Inc.: Director
- PLDT (UK) Limited: Director
- PLDT Clark Telecom, Inc.: Director
- PLDT Subic Telecom, Inc.: Director

- **Anabelle L. Chua**  
*Position with PLDT:* Senior Vice President, Chief Financial Officer and Director  
*Positions with other foreign carriers:*

  - Smart Communications Inc.: Chief Financial Officer and Director
  - Digital Telecommunications Phils., Inc.: Director
  - Digitel Mobile Phils., Inc. (DMPI): Director
  - PLDT-Maratel, Inc.: Director
  - PLDT-Philcom, Inc.: Director
  - PLDT Clark Telecom, Inc.: Director
  - PLDT Subic Telecom, Inc.: Director
  
- **Menardo G. Jimenez, Jr.**  
*Position with PLDT:* Senior Vice President, Business Transformation Office Deputy Head  
*Position with other foreign carriers:*

  - PLDT-Maratel, Inc.: Director
  - PLDT-Philcom, Inc.: Director
  - PLDT Clark Telecom, Inc.: Director
  - PLDT Subic Telecom, Inc.: Director
  
- **Oscar Enrico A. Reyes Jr.**  
*Position with PLDT:* Senior Vice President and Consumer Business Market Development Head  
*Position with other foreign carriers:*

  - PLDT-Maratel, Inc.: Director
  - PLDT-Philcom, Inc.: Director
  
- **Albert Mitchell L. Locsin**  
*Position with PLDT:* First Vice President, Small and Medium Enterprises Business Head  
*Position with other foreign carriers:*

  - PLDT-Maratel, Inc.: Director
  - PLDT-Philcom, Inc.: Director
  
- **Juan Victor I. Hernandez**  
*Position with PLDT:* Senior Vice President, Enterprise Business Head  
*Position with other foreign carriers:*

  - Digitel Crossing Inc.: Director
  - PLDT-Maratel, Inc.: Director
  - PLDT-Philcom, Inc.: Director
  - PLDT Clark Telecom, Inc.: Director
  - PLDT Subic Telecom, Inc.: Director
  - Bonifacio Communications Corporation: President and Director

- **Katrina L. Abelarde**

*Position with PLDT:* First Vice President, International and Carrier Business Head

*Position with other foreign carriers:*

- PLDT HK Limited: Director
- PLDT (SG) Pte. Ltd.: Director
- PLDT (SG) Retail Service Pte. Ltd.: Director
- PLDT (UK) Limited: Director
- PLDT Malaysia Sdn. Bhd.: Director
- PLDT 1528 Limited: Director

- **Ma. Lourdes C. Rausa-Chan**

*Position with PLDT:* Director, Senior Vice President, Corporate Secretary, General Counsel, and Chief Governance Officer

*Position with other foreign carriers:*

- PLDT Clark Telecom, Inc.: Corporate Secretary
- PLDT Subic Telecom, Inc.: Corporate Secretary

- **Leo I. Posadas**

*Position with PLDT:* Treasurer, First Vice President and Treasury Head

*Position with other foreign carriers:*

- Smart Communications Inc.: Treasurer and Treasury Head
- Digital Telecommunications Phils., Inc.: Treasurer
- Digitel Mobile Phils., Inc. (DMPI): Treasurer

- **Alfredo B. Carrera**

*Position with PLDT:* First Vice President and Regulatory Strategy and Support Head

*Position with other foreign carriers:*

- Bonifacio Communications Corporation: Director

- 

- **Genaro C. Sanchez**

*Position with PLDT:* Vice President and Head of International Network

*Position with other foreign carriers:*

- Digitel Crossing Inc.: General Manager

**(5) Certification Regarding the Anti-Drug Abuse Act of 1988<sup>5</sup>**

PLDT certifies that no party to this application is subject to a denial of federal benefits under Section 5301 of the Anti-Drug Abuse Act of 1988, as amended.<sup>6</sup>

<sup>5</sup> See *id.* §§ 1.767(a)(8)(i), 63.18(o).

<sup>6</sup> 21 U.S.C. § 862(a). Pub. L. No. 100-690, title V, § 5301, 102 Stat. 4310 (1988), which related to denial of Federal benefits to drug traffickers and possessors—previously codified at 21 U.S.C. § 853(a)—was renumbered section 421 of the Controlled Substances Act by

**(6) Certification Regarding Foreign Carrier Status and Foreign Affiliations<sup>7</sup>**

PLDT certifies that it:

(A) is a foreign carrier in the Philippines;

(B) does not own or control a cable station in any foreign country other than the Philippines, where it owns cable landing stations at Batangas, Daet, and La Union;

(C) is affiliated with the following foreign carriers in the Philippines, Hong Kong, Singapore, and United Kingdom, one of which own or control a cable landing station in the Philippines.

**TABLE 1: AFFILIATED FOREIGN CARRIERS**

<b>Entity</b>	<b>Country</b>	<b>Owns/Controls Cable Landing Station? Y/N</b>
Smart Communications, Inc.	Philippines	N
Digitel Mobile Philippines, Inc.	Philippines	N
Digital Telecommunications Phils., Inc.	Philippines	N
Digitel Crossing Inc. (DCI)	Philippines	Y
PLDT Clark Telecom, Inc.	Philippines	N
PLDT-Philcom, Inc	Philippines	N
PLDT Subic Telecom, Inc.	Philippines	N
PLDT-Maratel, Inc.	Philippines	N
Bonifacio Communications Corporation	Philippines	N
PLDT HK Limited	Hong Kong SAR	N
PLDT (SG) Pte. Ltd.	Singapore	N
PLDT (SG) Retail Service Pte Ltd.	Singapore	N
PLDT (U.K.) Limited	United Kingdom	N
PLDT Malaysia Sdn. Bhd.	Malaysia	N
PLDT 1528 Limited	Hong Kong SAR	N

Public Law 101-647, title X, § 1002(d)(1), 104 Stat. 4827 (1990), and has been recodified as 21 U.S.C. § 862(a). 47 C.F.R. § 63.18(o) does not reflect this recodification.

<sup>7</sup> See 47 C.F.R. § 1.767(a)(8)(ii).



**(7) Certification Regarding Destination Countries<sup>8</sup>**

PLDT certifies to the following: (A) it is a foreign carrier in the Philippines, one of the two foreign destination markets in which the JUPITER system will land; (B) it controls foreign carriers in the Philippines; (C) no entity owning more than 25 percent of it or controlling it controls a foreign carrier in Japan or the Philippines; and (D) no grouping of two or more foreign carriers in Japan or the Philippines (or parties that control foreign carriers in Japan or the Philippines) own, in aggregate, more than 25 percent of it and are parties to, or beneficiaries of, a contractual relation affecting the provision or marketing of arrangements for the terms of acquisition, sale, lease, transfer, and use of capacity on the JUPITER system in the United States.

**(8) Certifications Regarding WTO Status and Affiliations with Foreign Carriers Having Market Power in Foreign Destination Markets<sup>9</sup>**

No response is required, as the Philippines is a member of the World Trade Organization.<sup>10</sup>

**(9) Certification Regarding Routine Conditions<sup>11</sup>**

PLDT certifies that it accepts and will abide by the routine conditions specified in 47 C.F.R. § 1.767(g).

**(10) Streamlining—Market Power<sup>12</sup>**

PLDT requests streamlined processing pursuant to 47 C.F.R. § 1.767(k)(3). PLDT has a greater-than-50-percent share of the international transport and local access-market in the

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<sup>8</sup> See *id.* § 1.767(a)(8)(iii).

<sup>9</sup> See *id.* § 1.767(a)(8)(iv).

<sup>10</sup> See World Trade Organization, *Members and Observers* (as of July 29, 2016), [http://www.wto.org/english/thewto\\_e/whatis\\_e/tif\\_e/org6\\_e.htm](http://www.wto.org/english/thewto_e/whatis_e/tif_e/org6_e.htm).

<sup>11</sup> See 47 C.F.R. § 1.767(a)(9).

<sup>12</sup> See *id.* § 1.767(j), (k).

Philippines. PLDT qualifies for streamlining pursuant to 47 C.F.R. § 1.767(k)(3) because (a) the Philippines is a WTO member country and (b) PLDT agrees to comply with the reporting requirements in 47 C.F.R. § 1.767(l).

**(11) Streamlining—CZMA<sup>13</sup>**

PLDT certifies that it is not required to submit a consistency certification to any state pursuant to Section 1456(c)(3)(A) of the Coastal Zone Management Act, codified at 16 U.S.C. § 1456(c)(3)(A). California and Oregon, the only U.S. states in which the JUPITER system will land, do not list, and have never proposed to list, a cable landing license as a federal activity requiring a consistency certification.<sup>14</sup>

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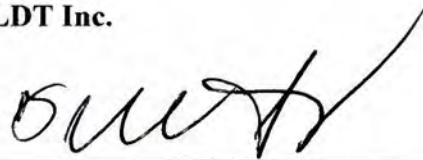
<sup>13</sup> *See id.*

<sup>14</sup> *See* California Coastal Commission, California Coastal Management Program, List of Federal Licenses and Permits Subject to Certification for Consistency, [https://www.coastal.ca.gov/fedcd/listlic\\_2015.pdf](https://www.coastal.ca.gov/fedcd/listlic_2015.pdf); Federal Licenses and Permits Which Must Be Certified for Consistency with the Oregon Coastal Management Program, [http://www.oregon.gov/LCD/OCMP/docs/General/Table7\\_final.pdf](http://www.oregon.gov/LCD/OCMP/docs/General/Table7_final.pdf); National Oceanic and Atmospheric Administration, National Coastal Zone Management Program, Oregon's Listed Federal Actions <https://coast.noaa.gov/czm/consistency/media/or.pdf>.

## CERTIFICATION

On behalf of PLDT, I certify that all of the information contained in this application and Appendix E is true and correct to the best of my knowledge and belief.

**PLDT Inc.**



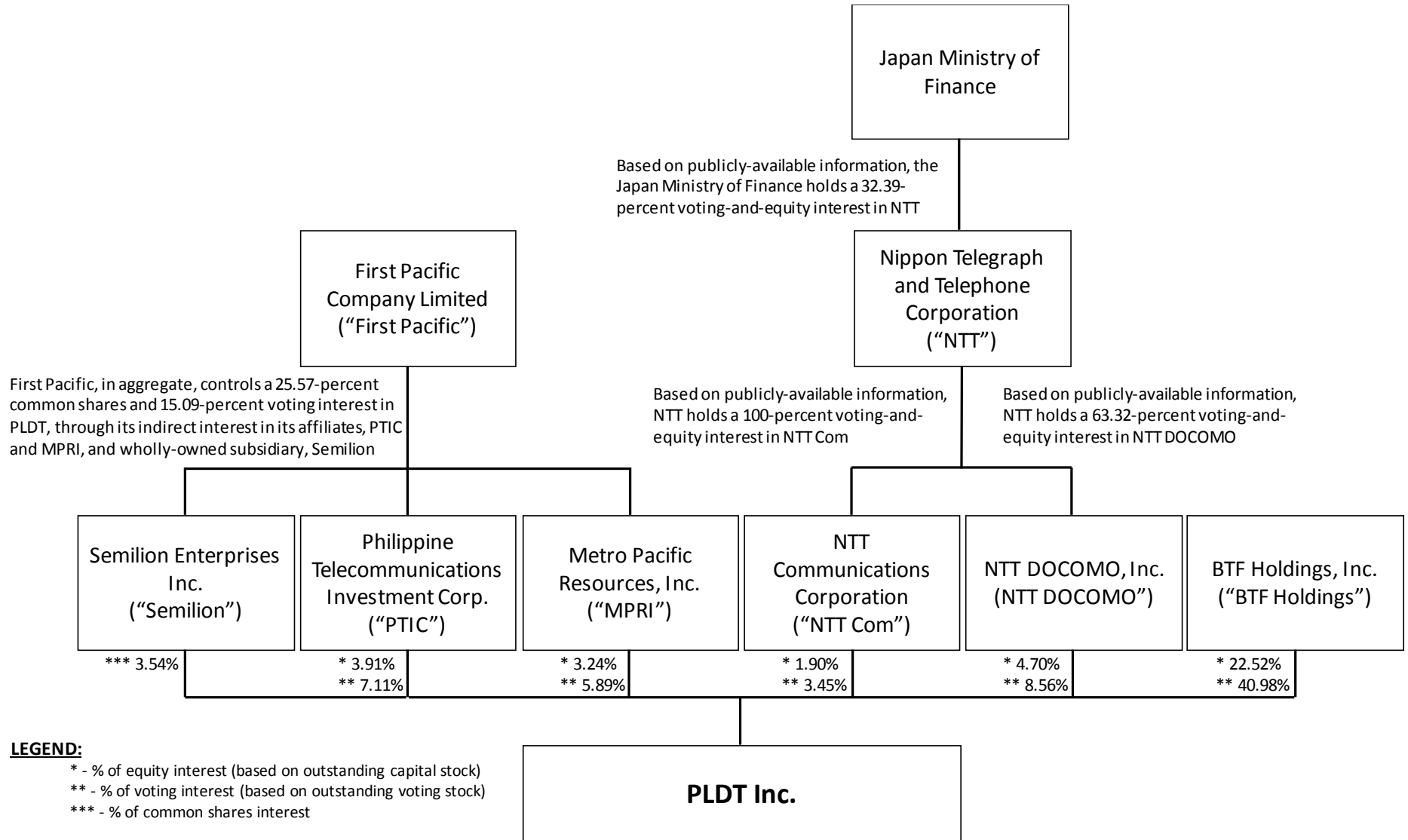
---

Mr. Genaro C. Sanchez  
VP and Head, International Network  
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Dela Rosa Street, Makati City 0721 Philippines  
Tel: +63 2 816 8688  
E-mail: gcsanchez@pldt.com.ph

April [17], 2018

EXHIBIT TO APPENDIX E

PLDT Inc.  
Ownership Chart \*  
(as of February 28, 2018)



**APPENDIX F:**  
**SOFTBANK CORP.**

SoftBank Corp. is a Japanese corporation headquartered in Tokyo, Japan. SoftBank Corp. is an indirect subsidiary of SoftBank Group Corp., and its main businesses are provision of mobile communication services, sale of mobile devices, and provision of fixed-line telecommunication services in Japan. SoftBank Corp. does not currently hold any Commission licenses, although it controls various subsidiaries that do hold various Commission authorizations.

SoftBank will hold participation and voting interests in the Main Trunk of the JUPITER system, as described in part I.E of the main narrative application. It will also own and control the Maruyama cable landing station, one of the JUPITER system's two Japan landings. Below, SoftBank Corp. provides information required by 47 C.F.R. § 1.767(a)(1)-(a)(3), (a)(8), (a)(9), (j), and (k).

**I. INFORMATION REQUIRED BY 47 C.F.R. § 1.767(a)**

**(1) Applicant's Name, Address, and Telephone Number<sup>1</sup>**

SoftBank Corp.  
9-1 Higashi-Shimbashi 1-Chome, Minato-ku  
Tokyo 105-7317, Japan  
+81-3-6889-2000

**(2) Applicant's Place of Incorporation<sup>2</sup>**

SoftBank Corp. is a corporation organized under Japanese law.

**(3) Contact Information<sup>3</sup>**

Koji Ishii  
Director, Global Service Development Dept.  
SoftBank Corp.  
9-1 Higashi-Shimbashi 1-Chome, Minato-ku

---

<sup>1</sup> See 47 C.F.R. § 1.767(a)(1).

<sup>2</sup> See *id.* § 1.767(a)(2).

<sup>3</sup> See *id.* § 1.767(a)(3).

Tokyo 105-7317, Japan  
+81-3-6889-1080  
sbtmgrp-int-cable@g.softbank.co.jp

**(4) Certification Regarding Ownership, Citizenship, Principal Business, and Interlocking Directorates<sup>4</sup>**

SoftBank Corp. certifies that it has the following 10-percent-or-greater direct or indirect interest holders:

- **SoftBank Group International GK**  
*Address:* 9-1 Higashi-Shimbashi 1-Chome, Minato-ku, Tokyo 105-7317, Japan  
*Citizenship:* Japan  
*Principal Business:* holding company  
*Relationship:* SoftBank Group International GK directly owns a 99.99-percent equity interest and a 99.99-percent voting interest in SoftBank Corp.
- **SoftBank Group Corp.**  
*Address:* 9-1 Higashi-Shimbashi 1-Chome, Minato-ku, Tokyo 105-7317, Japan  
*Citizenship:* Japan  
*Principal Business:* holding company  
*Relationship:* SoftBank Group Corp. directly owns a 100-percent equity interest and a 100-percent voting interest in SoftBank Group International GK.
- **Mr. Masayoshi Son**  
*Address:* 9-1 Higashi-Shimbashi 1-Chome, Minato-ku, Tokyo 105-7317, Japan  
*Citizenship:* Japan  
*Principal Business:* Founder and Chairman of SoftBank Group Corp.  
*Relationship:* Mr. Son directly owns a 21-percent equity interest and a 21-percent voting interest in SoftBank Group Corp. as of 30th of September 2017.

No other person or entity holds a 10-percent-or-greater equity or voting interest, whether direct or indirect, in SoftBank Corp.

The following corporate officers of SoftBank Corp. are also officers or directors of other foreign carriers:

- **Junichi Miyakawa**  
*Position with SoftBank Corp.:* Executive Vice President & CTO  
*Positions with other foreign carriers:*
  - BBIX Inc.: Director
  - BBIX International, Inc.: Director
  - BBIX Singapore Pte. Ltd.: Director
  - BBIX Hong Kong Pte. Limited: Director

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<sup>4</sup> See *id.* §§ 1.767(a)(8)(i), 63.18(h).

- BB Backbone Corporation: Representative Director
- **Ken Miyauchi**
  - *Position with* SoftBank Corp.: President & CEO
  - *Position with* Wireless City Planning Inc.: President & CEO

**(5) Certification Regarding the Anti-Drug Abuse Act of 1988<sup>5</sup>**

SoftBank Corp. certifies that no party to this application is subject to a denial of federal benefits under Section 5301 of the Anti-Drug Abuse Act of 1988, as amended.<sup>6</sup>

**(6) Certification Regarding Foreign Carrier Status and Foreign Affiliations<sup>7</sup>**

SoftBank Corp. certifies that it:

(A) is a foreign carrier in Japan;

(B) owns and controls cable stations at Maruyama, Kitakyushu, and Miura in Japan;

(C) is affiliated with the following foreign carriers, none of which own or control a cable landing station in their respective foreign country, as listed in Table 1 below:

**TABLE 1: AFFILIATED FOREIGN CARRIERS**

<b>Entity</b>	<b>Country</b>	<b>Owns/Controls Cable Landing Station? Y/N</b>
SoftBank Telecom Singapore Pte. Ltd.	Singapore	No
SB Telecom (Thailand) Co., Ltd.	Thailand	No
SBTM Online (Suzhou) Co., Ltd.	China	No
BBIX Singapore Pte. Ltd.	Singapore	No
BBIX Hong Kong Pte. Limited	Hong Kong	No
BBIX International, Inc.	Japan	No
BBIX Inc.	Japan	No
BB Backbone Corporation	Japan	No
Wireless City Planning Inc.	Japan	No
Sprint International Argentina SRL	Argentina	No

<sup>5</sup> See *id.* §§ 1.767(a)(8)(i), 63.18(o).

<sup>6</sup> 21 U.S.C. § 862(a). Pub. L. No. 100-690, title V, § 5301, 102 Stat. 4310 (1988), which related to denial of Federal benefits to drug traffickers and possessors—previously codified at 21 U.S.C. § 853(a)—was renumbered section 421 of the Controlled Substances Act by Public Law 101-647, title X, § 1002(d)(1), 104 Stat. 4827 (1990), and has been recodified as 21 U.S.C. § 862(a). 47 C.F.R. § 63.18(o) does not reflect this recodification.

<sup>7</sup> See 47 C.F.R. § 1.767(a)(8)(ii).

<b>Entity</b>	<b>Country</b>	<b>Owns/Controls Cable Landing Station? Y/N</b>
Sprint International Austria GmbH	Austria	No
SprintLink Belgium BVBA	Belgium	No
Sprint Brasil Servicos de Telecomunicacoes Ltda.	Brasil	No
Sprint International Communications Canada ULC	Canada	No
Sprint International Chile Ltda.	Chile	No
Sprint International Czech Republic S.R.O.	Czech Republic	No
SprintLink Denmark ApS	Denmark	No
SprintLink France SAS	France	No
SprintLink Germany GmbH	Germany	No
Sprint Hong Kong Ltd	Hong Kong	No
Sprint International Hungary K.F.T.	Hungary	No
SprintLink Ireland Ltd	Ireland	No
SprintLink Italy S.r.l.	Italy	No
Sprint International Japan Corporation	Japan	No
Sprint International Korea	Korea	No
SprintLink International Malaysia SDN. BHD.	Malaysia	No
SIHI Mexico S. de R.L. de C.V.	Mexico	No
SprintLink Netherlands B.V.	Netherlands	No
Sprint International New Zealand	New Zealand	No
Sprint International Norway AS	Norway	No
SprintLink Poland sp. z o.o.	Poland	No
Sprint RUS LLC	Russia	No
Sprint International Communications Singapore Pte. Ltd	Singapore	No
Sprint International Spain, S.L.	Spain	No
SIHI Scandinavia AB	Sweden	No
SprintLink International (Switzerland) GmbH	Switzerland	No
Sprint International Taiwan Ltd.	Taiwan	No
Sprint (Thailand) Limited	Thailand	No
SprintLink UK Ltd	United Kingdom	No
Sprint International Venezuela, S.R.L.	Venezuela	No

**(7) Certification Regarding Destination Countries<sup>8</sup>**

SoftBank Corp. certifies to the following: (A) it is a foreign carrier in Japan, one of the two foreign destination markets in which the JUPITER system will land; (B) it controls foreign carriers in Japan; (C) an entity owning more than 25 percent of it or controlling it controls foreign carriers in Japan; and (D) no grouping of two or more foreign carriers in

<sup>8</sup> See *id.* § 1.767(a)(8)(iii).



Japan or the Philippines (or parties that control foreign carriers in Japan or the Philippines) own, in aggregate, more than 25 percent of it and are parties to, or beneficiaries of, a contractual relation affecting the provision or marketing of arrangements for the terms of acquisition, sale, lease, transfer, and use of capacity on the JUPITER system in the United States.

**(8) Certifications Regarding WTO Status and Affiliations with Foreign Carriers Having Market Power in Foreign Destination Markets<sup>9</sup>**

No response is required, as Japan—the only country identified in response to 47 C.F.R. § 1.767(a)(8)(iii)—is a member of the World Trade Organization.<sup>10</sup>

**(9) Certification Regarding Routine Conditions<sup>11</sup>**

SoftBank Corp. certifies that it accepts and will abide by the routine conditions specified in 47 C.F.R. § 1.767(g).

**(10) Streamlining—Market Power<sup>12</sup>**

SoftBank Corp. requests streamlined processing pursuant to 47 C.F.R. § 1.767(k)(2). SoftBank Corp. is affiliated with foreign carriers in Japan, where it has far less than a fifty-percent market share in either the international-transport or local access-market of Japan. SoftBank Corp. does not appear on the Commission's list of foreign carriers presumed to have market power in foreign destination markets.<sup>13</sup> SoftBank Corp.'s affiliation with Japanese carriers therefore poses no risk to competition on the U.S.-Japan route and SoftBank

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<sup>9</sup> See *id.* § 1.767(a)(8)(iv).

<sup>10</sup> See List of WTO Members and Observers (as of July 29, 2016), [http://www.wto.org/english/thewto\\_e/whatis\\_e/tif\\_e/org6\\_e.htm](http://www.wto.org/english/thewto_e/whatis_e/tif_e/org6_e.htm).

<sup>11</sup> See 47 C.F.R. § 1.767(a)(9).

<sup>12</sup> See *id.* § 1.767(j), (k).

<sup>13</sup> See *International Bureau Revises and Reissues the Commission's List of Foreign Telecommunications Carriers that Are Presumed to Possess Market Power in Foreign Telecommunications Markets*, Public Notice, 22 FCC Rcd. 945 (Int'l Bur. 2007).

Corp. therefore qualifies for presumptive non-dominant treatment pursuant to 47 C.F.R. §§ 63.10(a)(3) and 63.12(c)(1)(ii).

**(11) Streamlining—CZMA<sup>14</sup>**

SoftBank Corp. certifies that it is not required to submit a consistency certification to any state pursuant to Section 1456(c)(3)(A) of the Coastal Zone Management Act, codified at 16 U.S.C. § 1456(c)(3)(A). California and Oregon, the only U.S. states in which the JUPITER system will land, do not list, and have never proposed to list, a cable landing license as a federal activity requiring a consistency certification.<sup>15</sup>

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<sup>14</sup> See 47 C.F.R. §§ 1.767(j), (k).

<sup>15</sup> See California Coastal Commission, California Coastal Management Program, List of Federal Licenses and Permits Subject to Certification for Consistency, [https://www.coastal.ca.gov/fedcd/listlic\\_2015.pdf](https://www.coastal.ca.gov/fedcd/listlic_2015.pdf); Federal Licenses and Permits Which Must Be Certified for Consistency with the Oregon Coastal Management Program, [http://www.oregon.gov/LCD/OCMP/docs/General/Table7\\_final.pdf](http://www.oregon.gov/LCD/OCMP/docs/General/Table7_final.pdf); National Oceanic and Atmospheric Administration, National Coastal Zone Management Program, Oregon's Listed Federal Actions <https://coast.noaa.gov/czm/consistency/media/or.pdf>.

## CERTIFICATION

On behalf of SoftBank Corp., I certify that all of the information contained in this application and Appendix F is true and correct to the best of my knowledge and belief.

SoftBank Corp.



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Teruyuki Oya  
Vice President, Core & IP Division  
SoftBank Corp.  
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teruyuki.oya@g.softbank.co.jp

April 18, 2018

**APPENDIX G:**  
**VADATA, INC.**

Vadata, Inc. (“Vadata”), is a wholly-owned, indirect subsidiary of Amazon.com, Inc. (“Amazon”). Vadata is organized under Delaware law, with its principal place of business in Seattle, Washington. Vadata provides connectivity to data centers and points of presence in the United States. Vadata holds from the Commission multiple universal radio licenses for private mobile communications but holds no other Commission authorizations.

Vadata will hold participation and voting interests in the Main Trunk of the JUPITER system, as described in part I.E of the main narrative application. Vadata will not (i) participate in, or hold any capacity on, the Philippines or Oregon branches; or (ii) have an ownership interest in the Japanese, Philippines, or U.S. cable landing stations. Below, Vadata provides information required by 47 C.F.R. § 1.767(a)(1)-(a)(3), (a)(8), (a)(9), (j), and (k).

**I. INFORMATION REQUIRED BY 47 C.F.R. § 1.767(a)**

**(1) Applicant’s Name, Address, and Telephone Number<sup>1</sup>**

Vadata, Inc.  
410 Terry Avenue North  
Seattle, Washington 98109-5210  
(206) 266-1000

**(2) Applicant’s Place of Incorporation<sup>2</sup>**

Vadata is a corporation organized under Delaware law.

**(3) Contact Information<sup>3</sup>**

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<sup>1</sup> See 47 C.F.R. § 1.767(a)(1).

<sup>2</sup> See *id.* § 1.767(a)(2).

<sup>3</sup> See *id.* § 1.767(a)(3).



Tiki Gaugler  
Corporate Counsel  
Amazon  
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13<sup>th</sup> Floor  
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703-928-5997  
tgaugler@amazon.com

Tim King  
Principal Technical Business Developer  
Amazon  
15 St. Botolph Street,  
3rd Floor Beaufort House  
London, EC3A 7DT  
United Kingdom  
PH: +44 (0) 2037534782  
tsk@amazon.co.uk

**(4) Certification Regarding Ownership, Citizenship, Principal Business, and Interlocking Directorates<sup>4</sup>**

Vadata certifies to the following. Vadata has the following 10-percent-or-greater direct or indirect interest holders:

**Amazon.com Services, Inc.**

*Address:* 410 Terry Avenue North, Seattle, Washington 98109-5210

*Citizenship:* USA

*Principal Business:* electronic commerce and cloud computing

*Relationship:* Amazon.com Services, Inc. holds a 100-percent equity-and-voting interest in Vadata.

**Amazon.com, Inc. (“Amazon”)**

*Address:* 410 Terry Avenue North, Seattle, Washington 98109-5210

*Citizenship:* USA

*Principal Business:* electronic commerce and cloud computing

*Relationship:* Amazon holds a 100-percent equity-and-voting interest in Amazon.com Services, Inc.

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<sup>4</sup> See *id.* §§ 1.767(a)(8)(i), 63.18(h).

**Jefferey P. Bezos**

*Address:* 410 Terry Avenue North, Seattle, Washington 98109-5210

*Citizenship:* USA

*Principal Business:* electronic commerce and cloud computing

*Relationship:* Mr. Bezos, who serves as Chairman, President and CEO of Amazon, owned as of December 31, 2017 approximately 16.3 percent of Amazon's outstanding shares. Mr. Bezos held sole voting and investment power with respect to 78,886,458 shares and shared voting and investment power with respect to 6,822 shares.

Amazon's shares trade publicly on the NASDAQ Stock Market under the symbol "AMZN." As there is an active market in Amazon's shares, Amazon's share ownership is always fluid. Moreover, Amazon can only ascertain its significant shareholders on the basis of SEC filings that are required to be made by such shareholders pursuant to Sections 13 and 16 of the Securities Exchange Act of 1934 and may not know of possibly related or affiliated shareholders that are not disclosed to it. Recognizing these limitations, as of the most recent measurable date, December 31, 2017, Amazon has no 10-percent-or-greater direct or indirect shareholder other than Mr. Bezos.

Vadata further certifies that no corporate officer or director of Vadata is also an officer or director of any foreign carrier.

**(5) Certification Regarding the Anti-Drug Abuse Act of 1988<sup>5</sup>**

Vadata certifies that Vadata is not subject to a denial of federal benefits under Section 5301 of the Anti-Drug Abuse Act of 1988, as amended.<sup>6</sup>

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<sup>5</sup> See *id.* §§ 1.767(a)(8)(i), 63.18(o).

<sup>6</sup> 21 U.S.C. § 862(a). Pub. L. No. 100-690, title V, § 5301, 102 Stat. 4310 (1988), which related to denial of Federal benefits to drug traffickers and possessors—previously codified at 21 U.S.C. § 853(a)—was renumbered section 421 of the Controlled Substances Act by Public Law 101-647, title X, § 1002(d)(1), 104 Stat. 4827 (1990), and has been recodified as 21 U.S.C. § 862(a). 47 C.F.R. § 63.18(o) does not reflect this recodification.

**(6) Certification Regarding Foreign Carrier Status and Foreign Affiliations<sup>7</sup>**

Vadata certifies that it:

(A) is not a foreign carrier in any foreign country;

(B) does not own or control a cable landing station in any foreign country;

(C) is not affiliated with any foreign carrier and is not affiliated with any entity owning or controlling a cable landing station in any foreign country.

**(7) Certification Regarding Destination Countries<sup>8</sup>**

Vadata certifies to the following: (A) it is not a foreign carrier in Japan or the Philippines, the two foreign destination markets in which the JUPITER system will land; (B) it does not control a foreign carrier in Japan or the Philippines; (C) no entity owning more than 25 percent of it or controlling it controls a foreign carrier in Japan or the Philippines; and (D) no grouping of two or more foreign carriers in Japan or the Philippines (or parties that control foreign carriers in Japan or the Philippines) own, in aggregate, more than 25 percent of it and are parties to, or beneficiaries of, a contractual relation affecting the provision or marketing of arrangements for the terms of acquisition, sale, lease, transfer, and use of capacity on the JUPITER system in the United States.

**(8) Certifications Regarding WTO Status and Affiliations with Foreign Carriers Having Market Power in Foreign Destination Markets<sup>9</sup>**

No response is required, as Vadata did not identify any foreign carriers in response to 47 C.F.R. 1.767(a)(8)(iii).

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<sup>7</sup> See 47 C.F.R. § 1.767(a)(8)(ii).

<sup>8</sup> See *id.* § 1.767(a)(8)(iii).

<sup>9</sup> See *id.* § 1.767(a)(8)(iv).

**(9) Certification Regarding Routine Conditions<sup>10</sup>**

Vadata certifies that it accepts and will abide by the routine conditions specified in 47 C.F.R. § 1.767(g).

**(10) Streamlining—Market Power<sup>11</sup>**

Vadata requests streamlined processing pursuant to 47 C.F.R. § 1.767(k)(1). Vadata certifies that it is not a foreign carrier and is not affiliated with a foreign carrier in Japan or the Philippines, the two foreign destination markets in which JUPITER will land.

**(11) Streamlining—CZMA<sup>12</sup>**

Vadata certifies that it is not required to submit a consistency certification to any state pursuant to Section 1456(c)(3)(A) of the Coastal Zone Management Act, codified at 16 U.S.C. § 1456(c)(3)(A). California and Oregon, the only U.S. states in which the JUPITER system will land, do not list, and have never proposed to list, a cable landing license as a federal activity requiring a consistency certification.<sup>13</sup>

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<sup>10</sup> *See id.* § 1.767(a)(9).

<sup>11</sup> *See id.* § 1.767(j), (k).

<sup>12</sup> *Id.*

<sup>13</sup> *See* California Coastal Commission, California Coastal Management Program, List of Federal Licenses and Permits Subject to Certification for Consistency, [https://www.coastal.ca.gov/fedcd/listlic\\_2015.pdf](https://www.coastal.ca.gov/fedcd/listlic_2015.pdf); Federal Licenses and Permits Which Must Be Certified for Consistency with the Oregon Coastal Management Program, [http://www.oregon.gov/LCD/OCMP/docs/General/Table7\\_final.pdf](http://www.oregon.gov/LCD/OCMP/docs/General/Table7_final.pdf); National Oceanic and Atmospheric Administration, National Coastal Zone Management Program, Oregon's Listed Federal Actions <https://coast.noaa.gov/czm/consistency/media/or.pdf>.



### CERTIFICATION

On behalf of Vadata, I certify that all of the information contained in this application and Appendix G is true and correct to the best of my knowledge and belief.

#### Vadata, Inc.

DocuSigned by:  
*Joe DePalo*  
97CD39203570412...  
Name: Joe DePalo  
Title: Director, Internet Services  
Email: jdepalo@amazon.com  
Date: April 18, 2018

Vadata, Inc.  
410 Terry Avenue North  
Seattle, Washington 98109-5210  
(206) 266-1000

April [18], 2018

**APPENDIX H:  
JUPITER ROUTE MAP**



## APPENDIX I:

### MARUYAMA, JAPAN, LANDING POINT INFORMATION



Beach manhole geographic coordinates: Latitude: N35 00.767 Longitude: E139 58.786

Cable landing station geographic coordinates: Latitude: N35 00.326 Longitude: E139 58.528

Cable landing station street address: 2698-19 Shirako, Minamibousou-shi, Chiba, Japan

## APPENDIX J:

### SHIMA, JAPAN, LANDING POINT INFORMATION



Beach manhole geographic coordinates: Latitude: N34 21.486 Longitude: E136 54.066

Cable landing station geographic coordinates: Latitude: N34 21.333 Longitude: E136 53.581

Cable landing station street address: Aza-Nagaishi, Anori, Ago-cho, Shima-gun, Mie Prefecture, 517-0507, Japan

## APPENDIX K:

### HERMOSA BEACH, CALIFORNIA, LANDING POINT INFORMATION



Beach manhole geographic coordinates: Latitude: N33 52.264 Longitude: E118 24.342

Cable landing station geographic coordinates: Latitude: N33 52.007 Longitude: E188 23.659

Cable landing station street address: 1601 Pacific Coast Highway, Hermosa Beach, CA 90524

## APPENDIX L:

### DAET, PHILIPPINES, LANDING POINT INFORMATION



Beach manhole geographic coordinates: Latitude: N14 08.400 Longitude: E122 58.850

Cable landing station geographic coordinates: Latitude: N14 08.396 Longitude: E122 58.844

Cable landing station street address: Purok 4, Bagasbas, Daet, Camarines Norte

## **CERTIFICATE OF SERVICE**

I, Kent Bressie, hereby certify that consistent with 47 C.F.R. § 1.767(j), I have served copies of the foregoing application for a cable landing license for the JUPITER submarine cable system, by hand delivery or electronic mail this 17th day of May, 2018 to the following:

Robert L. Strayer  
Deputy Assistant Secretary of State for Cyber and  
International Communications and Information Policy  
Bureau of Economic and Business Affairs  
U.S. DEPARTMENT OF STATE  
EB/CIP : Room 4634  
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Washington, D.C. 20520-4634

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U.S. DEPARTMENT OF COMMERCE/NTIA  
14th Street and Constitution Avenue, N.W.  
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Kent Bressie